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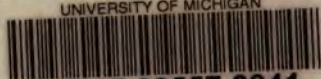
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State Board of Education
of the State of Michigan

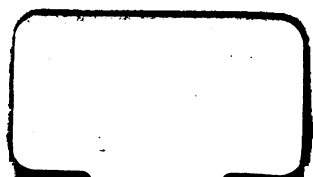
8th Biennial Report

JUNE 30, 1894 to JUNE 30, 1896

UNIVERSITY OF MICHIGAN



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EIGHTH BIENNIAL REPORT
OF THE
STATE BOARD OF EDUCATION
OF THE
STATE OF MICHIGAN

FROM
JUNE 30, 1894, TO JUNE 30, 1896.



BY AUTHORITY

LANSING
ROBERT SMITH PRINTING CO., STATE PRINTERS AND BINDERS
1897

REPORT.

To the Honorable, the Legislature of the State of Michigan:

In obedience with the requirements of the law defining the duties of the State Board of Education, we hereby present to you a report of the business and general transactions under the auspices of the Board during the two years ending June 30, 1896.

DUTIES OF THE BOARD.

That your honorable body may be reminded of the duties which, by the constitution and through several legislative enactments now devolve upon the State Board of Education, it may be best to herein review them:

Section 9, Article XIII, of the Constitution gives to the State Board of Education general supervision of the State Normal School and provides that their further duties may be prescribed by law.

A second normal school, the Central Michigan Normal School, was established by the legislature of 1895 at Mt. Pleasant, this institution being also under the supervision of this Board.

Semi-annual examinations are held under the auspices of the Board for the purpose of granting life certificates to teach throughout the State, to such teachers as prove themselves possessed of the required scholarship, general culture, and teaching experience.

The law requiring that instruction shall be given in the schools of the State relative to the injurious effects of stimulants and narcotics, makes it the duty of the State Board of Education to examine all text books on physiology and hygiene, and to approve only such as contain the minimum amount of subject matter relative to the use of tobacco and alcohol.

In accordance with the provision of Act No. 136 of the Public Acts of 1893, graduates of such colleges of the State as comply with the requirements of the law in the matter of general strength of course and quantity and quality of pedagogical instruction, are given four-year certificates to teach in any of the schools of the State, by the State Board of Education. After four years of successful experience in teaching by such graduates, certificates for life are issued to them by this Board. It is also made the duty of the Board to review the pedagogical courses and the instruction relative to the theory and art of teaching given in the colleges

which have applied for the certificate-granting privilege, and by personal inspection of such work to be assured that the requirements of the law are fully complied with.

The legislature of 1895 also added to the duties of the Board through an act permitting the indorsement, as legal certificates to teach in Michigan, of all certificates of equal worth and legal power from other states.

THE NORMAL SCHOOLS.

We attach hereto reports of Dr. R. G. Boone, principal of the State Normal School at Ypsilanti, and Prof. Charles McKenny, principal of the Central Michigan Normal School at Mt. Pleasant, which present in detail the lines along which these schools are progressing, the work they are doing, and the better attainments towards which they aspire.

The State Normal School is continuing in the line and quality of work which has made it one of the leading normal schools of the United States. The purpose for which it exists, to give to the State teachers who shall be well equipped in the matter of scholarship as also possessed of professional training along the line of their chosen work, is persistently kept in mind; and to attain such purpose in the greatest degree possible is the constant effort of the faculty as a whole, and of each member and assistant. There has never been a time in the history of the State Normal School when its graduates were in greater demand as teachers for the schools of our State by those most familiar with their standing and training than at the present time. The number of fully equipped teachers given to the State has been increasing year by year, and the larger supply has persistently resulted in an increased demand for normal trained teachers. No efforts will be spared on the part of the officers and teachers fully and satisfactorily to meet the demands made upon them, and throughout their work to keep in view the proper relation of the State Normal School to the schools of the State from the highest to the least, in order that all may receive the superior service and higher value which can only come from well prepared and earnestly devoted teachers.

One material feature of growth at the State Normal School which will permit and insure better work in the future, is that of the new training school, for which an appropriation of \$25,000 was made by the legislature of 1895, and which will be ready for occupancy about the first of March, 1897. Inasmuch as there has been some public discussion as to the action and purposes of the board relative to the expenditure of the appropriation for the training school building, it may be best to explain to your honorable body what action was taken, the purposes influencing it, and the results secured. The matter of determining the interior arrangement of the prospective model school building was in part left to persons experienced in school architecture and familiar with the purposes especially desired to be secured in such a building. When the plans had been completed and submitted in accordance with such purposes, it was found that the building called for in such plans could not be completed for the amount of the appropriation. It was therefore thought best to retain the model building plans, to complete the building for present use within the appropriation and, whenever in the future it should seem necessary to add to the building, to do so along the lines of the original plans. In so determining it was not the

purpose of the Board of Education to demand or compel further appropriations for the training school building, until such time as the continued growth of the school made such further appropriations necessary. It was at all times the purpose of the Board to complete the building within the appropriations received, so far, at least, as to make it meet in every respect present and prospective demands upon it, and to render unnecessary further appropriations until, in the judgment of future legislatures, further additions to the building were made necessary. This purpose has been adhered to and the building will doubtless be completed and will be serving the purpose for which it was intended before this report is published for your perusal.

The Central Michigan Normal School has been thus far doing its work under unusual difficulties. No appropriation was made to meet its current expenses when the present building and grounds at Mt. Pleasant were accepted and the school was established by the preceding legislature. Through heroic efforts, however, on the part of the citizens of Mt. Pleasant and more than a little sacrifice on the part of the teachers (one of the leading spirits in such efforts and in such sacrifice being Prof. C. F. R. Bellows, first principal of the school) it has been maintained as a Normal School under the auspices of the State Board of Education during the past two years. The work of the school thus far gives assurance that it will meet the demands for which it was established—to prepare teachers for the rural and ungraded schools of the central and northern sections of the State; and your honorable body will be required during your present session to make a modest appropriation to meet its expenses as a State institution during the years 1897 and 1898.

LIFE CERTIFICATES GRANTED.

The following persons have received State certificates since our last report, as the result of successfully completing the examination required by law:

STATE CERTIFICATES.

1894.

George R. Berkaw,
A. J. Chappell,
E. A. Holden,

C. J. Palmer,
F. W. Wheaton,
L. H. Wood,
Alice Iseman.

1895.

L. H. Baker,
R. E. Doolittle,
George Downs,
E. W. Fleming,
W. W. Gifford,
W. G. Graham,
W. D. Henderson,
H. W. Lawson,
Cora D. Martin,
A. M. McDermott,
H. J. McEwen,

W. M. Milham,
W. J. Morrison,
W. K. Palmer,
A. D. Prentice,
R. W. Putnam,
J. W. Simmons,
C. B. Smith,
W. M. Smith,
L. L. Tyler,
Belle Wallace,
H. E. Ward.

1896.

L. G. Avery,	William Russell,
Mrs. T. B. Hartley,	Eugene Straight,
P. H. Kelley,	B. S. Travis,
Otis M. Miles,	E. F. Waldo,
	E. D. Watkins.

COLLEGE CERTIFICATES GRANTED.

Certificates giving legal authority to teach in any of the schools of the State for four years, in accordance with the law making it the duty of the Board to issue such certificates, have been granted to the following list of graduates of the several colleges named:

COLLEGE CERTIFICATES.

ADRIAN COLLEGE.

1895.

Elizabeth Gibbs,	Lillian E. Ravenscroft,
Joseph Riley Lenhart,	Mabel Louise Terry,
Lewis H. Richards,	Ella Floy Tobias,
	Lucy Belle Webster.

1896.

Clifford W. Crandall,	Emma G. Painter,
John Kirke Matthews,	Blanche Anna Van Auken,
Anna Mary Owens,	William Wert.

ALBION COLLEGE.

1895.

Mabel J. Cannon,	May E. Greer,
Wilbur I. Cogshall,	Charles E. Smith.

1896.

Maude Allen,	Belle S. McPherson,
Grace E. Armstrong,	Vieva S. Parmater,
Charlotte Z. Aldrich,	Mary Phelps,
Rosa Ball,	Florence A. Riddick,
Adrian Frank Cooper,	Edna M. Simmons,
Emily Edith Durfee,	Girard T. Smith,
Harriet Gertrude Eddy,	Fred Oviatt Stoeke,
James Bird Field,	Ralph Wendell Taylor,
S. Pearl Field,	Cora May Vunk,
Harriet Belle Mays,	John Frank Walker,
	Leland M. White.

ALMA COLLEGE.

1896.

Julia May Adams,
Clarissa Safford Booth,
Fred Fullerton,
Mary Ann Girmus,

Winifred E. Heston,
William Almeron Howe,
Elizabeth Ann Jones,
Joseph Thomas Northon.

HILLSDALE COLLEGE.

1895.

Irvin James Bricker,
Ana G. Closson,

Clayton I. Collins,
James Nelson Green,
George W. Green.

1896.

Carrie L. Ashbaugh,
Paul W. Chase,
Grant E. Douglass,
Walter M. French,
Edwin W. Hellaby,
Grace L. Higbee,
Jennie A. Hulce,

Edith F. Myers,
Walter H. North,
Minnie L. Pettit,
Jesse P. Robinson,
Claire E. Sands,
Bertha C. Van Atta,
Charles W. Whitney,
Fred R. Miller.

OLIVET COLLEGE.

1895.

Mary Vinnie Avery,
Mary Rosetta Bryant,
Caroline Augusta Frost,
Isaac Burton Gilbert,
Fannie Baker Hance,
Belle Hart,
Celia Jane Higby,

Stanley Francis Blomfield,
Fred Roys Bush,
Ernest Leonard Luther,
Carl Esek Pray,
William Henry Renther,
Charlotte Van Auken,
Ella Strange.

1896.

Mamie Ella Bilz,
Flora Colby Clough,
Grace Frances Ellis,
Arlo Monroe Flagg,
Eloise Almira Frost,
Edward Howell Goodrich,
Emma Hunt,

Mary Ann Littlefield,
John Gilmore Monroe,
Mamie Strange,
Minnie Belle VandePolder,
Clifford Gilbert Wade,
Ray Wever,
Jessie A. Davis,
Gladys Goddard.

The report of the treasurer of the board, giving in detail the expenditures and receipts in behalf of the State Normal School during the two fiscal years ending with June 30, 1896, is elsewhere presented as a part of this report.

There were no changes in the membership of the board during the period covered by this report; and we believe it can be truly said that the efforts of each member and of the board as a whole, have been to aid in every way to advance the educational interests with which they have had to do and satisfactorily to perform all the duties devolving upon them.

Very respectfully,

PERRY F. POWERS, *President.*

HENRY R. PATTENGILL, *Secretary.*

EUGENE A. WILSON, *Treasurer.*

DAVID A. HAMMOND.

REPORT OF THE PRINCIPAL

FOR THE SCHOOL YEARS 1894-5 AND 1895-6.

To the Honorable, the State Board of Education:

GENTLEMEN—In accordance with the provisions of the law, I have the honor herewith to submit the official report of the principal of the State Normal School for the two years 1894-6.

The two years have shown an improvement of the school in most material respects. The gain in enrollment is marked. For the eight years since September, 1888, two years only have shown a decrease from previous years. The average increase for the entire period is nearly three per cent a year. Excluding the years of slight loss, 1892, 1893, the average yearly gain in enrollment has been five and one-half per cent. For the two years covered by this report the gain was six and one-half per cent. Since the making of the fifth report in 1888, the gain has been about twenty-two per cent, an increase of nearly one-fourth.

Indeed, it does not need to be emphasized to your honorable body that there is little call to be anxious about numbers in Normal School attendance. The accommodations are now taxed to their utmost in almost every department. We only await the opportunity to occupy the new building to find a partial relief from over-crowded teachers' classes. If all grades of the training school could be at once moved into the new quarters, most of this over-pressure could be met and obviated. Leaving off the two wings of the building, however, deprives the school of the use of four school rooms and a number of class rooms, and so but partially meets the need. With the addition of these wings during the coming summer, the opening of school in the fall of 1897 would offer a generous supply of much needed accommodations.

Notwithstanding a lack of funds from what was expected there has been a gratifying increase in the equipment and use of the library. About 2,000 volumes have been added, shelf room has been extended and the furniture repaired. Additional room for both books and readers is greatly needed. The number in the faculty and on the pay roll in other relations remains practically the same as two years ago. The number of high schools on the approved list has been increased, and the original list carefully revised. The senior class becomes yearly larger. For the last biennial period the average annual membership of the graduating class was 156; for the period now under consideration it has been 226, exclu-

sive of those taking advanced and degree work. The number given certificates to teach in June, 1896, was 237. The period has been one of growth in all of these respects.

THE COURSE OF STUDY.

The policy which was begun in 1894, and which was roughly outlined in the seventh biennial report submitted in that year comprised the following characteristics: (1) An increase in the privilege of election among courses and departments; (2) a simplification of the requirements concerning prescribed work; (3) raising the standard of admission, while retaining classes in preparatory subjects, and preserving the common school course; (4) an increase of the amount of professional work required; and (5) a considerable increase in the amount of professional work offered by the several departments as elective.

The school, excepting the musical conservatory, now offers but three courses: (1) A course for "teachers of rural and elementary graded schools;" (2) a two year course for high school graduates; and (3) a longer course for those who have had but a partial high school or only an elementary preparation. This course is four years long except as it may be shortened by credits for advanced standing accepted by heads of departments from other schools. The completion of either of the two courses (2) and (3) entitles the student to a diploma, and a life certificate valid as a teachers' license throughout the State of Michigan.

When the work of the first three years of the long course (see (3) above) has been satisfactorily completed, either because of studies taken and passed here, or of credits accepted here, the student is entitled to an official statement of advancement, and, if taken with not less than twenty weeks of daily practice in the training school, a certificate good as a teachers' license throughout the State for a period of five years.

In the course for high school graduates, forty-one (41) per cent of the work is elective; in the long course, twenty-eight (28) per cent. Every one, before being certificated as a teacher, is required to have had a brief but thorough teachers' study of arithmetic, geography, grammar, reading, language, history, civics, physics or nature study, and music or public school calisthenics, a year and a half each of English, science, history and mathematics, all of secondary grade, one year of psychology, and a certain amount, equal to two periods daily for one half year, of practice teaching and observation in the training school. It is believed, therefore, that a reasonable care has been taken to guard the elective principle against abuses. So far, the policy has received from those who know it only words of approval. (1) It recognizes the need of a vigorous but many sided secondary training by every teacher for even the most elementary teaching; (2) it concedes the sacredness of individual aptitudes and special capacities in whose cultivation personal efficiency lies; (3) it makes possible a line of training continuing through two, three or four years in the same subject or in related subjects, wherein culture lies.

Below is given a list of the several groups of subjects offered by the school:

SUBJECTS OF INSTRUCTION.

I. *Preparatory Subjects.*

	Weeks.
1. Reading and orthœpy	20
2. English grammar	20
3. English classics	20
4. United States history	20
5. Civil government	20
6. Arithmetic	20
7. Algebra I. (elementary)	20
8. Geography	20
9. Physiology	20
10. Penmanship	10
11. Bookkeeping	10
12. Elementary physics	20
13. Latin, first year	40
14. German, first year	40

II. *Prescribed Subjects.*

1. Academic work—260 weeks:

1. English—rhetoric, literature	60
2. Science—botany, physics	60
3. History—English, American, institutes	60
4. Mathematics—algebra, geometry	60
5. Drawing	20

2. Professional work—190 weeks:

1. Psychology	20
2. Applied psychology	20
3. History and science of education	20
4. Teachers' courses in: (130.)	
a. English grammar	10
b. Reading and language	10
c. Arithmetic	10
d. Geography	10
e. United States History	10
f. Civics	10
g. Physiology	10
h. Physics or nature study	10
i. Music or physical training	10
j. Observation and teaching	40

III. *Elective Subjects.*

1. Academic work—1490 weeks:

1. History—Greek and Roman, Continental, General, United States Political, English Constitutional, Institutes, Political Science and Political Economy, total.....	140
2. Music—Vocal, Instrumental, Voice Culture, Harmony, Counterpoint, History of Music, and Composition, total.....	280
3. Mathematics—Advanced Algebra, Trigonometry, Surveying and Analytical Geometry and Calculus, total.....	80
4. English—Advanced English Literature, Reading, Old and Middle English, English Masterpieces, and Advanced Rhetoric, total.....	80
5. German, four years.....	160
6. French, two years.....	80
7. Latin, six years.....	240
8. Greek, three years.....	120
9. Physical Science—Chemistry (one and one-half years), Advanced Physics, and Astronomy, total.....	100
10. Natural Science—Zoölogy, Geology, and Advanced Botany, total.....	80
11. Drawing—Advanced Drawing, Advanced Blackboard Sketching, and Sketching from Life, total.....	50
12. Geography—Physical Geography, and Universal Geography, total.....	40
13. Physical Training, one year of work.....	40

2. Professional work—210 weeks:

1. Advanced Psychology.....	20
2. Educational Systems and Theories.....	20
3. Kindergarten Instruction.....	20
4. Method in History.....	10
5. Elementary Historical Material.....	10
6. Method in Geometry.....	10
7. Method in Algebra.....	10
8. History of Mathematics.....	10
9. Method in Modern Classics.....	10
10. Method in Ancient Classics.....	10
11. Laboratory Practice.....	10
12. Physical Technics.....	10
13. Physiological Demonstration.....	10
14. Biological Technique.....	10
15. Method in Drawing.....	10
16. Geographical Material.....	10
17. Method in Physical Training.....	10
18. Kindergarten Music.....	10

CONDITIONS OF ADMISSION.

The purpose announced in the report which precedes this and which had your official sanction and support, to increase the list of entrance examination subjects, has been followed somewhat closely for the two years since.

For the school year 1894-5, examinations for admission were set in arithmetic, grammar, geography and elementary algebra. The year following the list included questions in United States history, civics and physiology. The quality also, of the entrance examinations has greatly improved. Fewer applicants fail entirely and more stand well. The high schools of the State get for a year or two longer the students who would otherwise have applied at the Normal, and are offering very satisfactory instruction. The gain is manifold. The early academic preparation is made less expensive, by being taken at home; the local schools are filled, making better teachers possible; the Normal School is no longer under the necessity of duplicating this academic work and teachers themselves are away from home for a shorter time for their professional training. It is believed that both the ability and character of the student body has been improved by the change. The teachers who go out from us into the public schools of the State are both better equipped and find more desirable positions.

Of the total enrollment (954) for 1894-5, 123 were classed as preparatory students. Of the 985 enrolled in 1895-6, 115 belonged to this class. From which it will appear that about 88 per cent of the entire enrollment are in the regular teachers' classes, to which more than nine-tenths of the preparatory students also are subsequently admitted.

A large and every year an increasing number of students enter the Normal School with more or less of high school training. The number of applicants asking for preparatory instruction has constantly decreased. The number who come credited with a full secondary course and well trained, from the public high schools is large and encouraging.

Of the 452 graduates completing one or another of the courses since the last report, 262 entered as high school graduates. This was 58 per cent. Of the remaining 190, a large majority entered with advanced standing, having had more or less secondary work before coming to the Normal School. Of the total enrollment (954) for 1894-5, nearly 700 had, before entering, full or partial high school training. For the last year the proportion was a little larger. The high schools throughout the State are to be greatly commended for the generally efficient instruction they provide.

Occasional bulletins have been issued from the Normal School and sent to the high schools concerning their academic work and its relation to our school, and with much profit to us. Their attitude has uniformly been interested and coöperative.

At the beginning of this biennial period there were upon our list one hundred twenty (121) accredited schools. This included thirty-three (33) schools approved directly by the State Board of Education, besides eighty-eight (88) others whose graduates are admitted to the University of Michigan also, a total of one hundred twenty-one (121) schools. At the close of the last school year this list was carefully revised, some schools being omitted because of a deterioration of their work, or because of the higher standards at the Normal School, and others added; showing a current list of one hundred thirty (130) approved schools, as follows:

UNIVERSITY LIST.

[Accepted by the Normal School.]

Adrian.	Jonesville.
Albion.	Kalamazoo.
Allegan.	Kalamazoo Female Seminary.
Alpena.	Lake Linden.
Ann Arbor.	Lansing.
Ann Arbor (St. Thomas).	Lapeer.
Battle Creek.	Ludington.
Bay City.	Manistee.
Belding.	Marine City.
Benton Harbor.	Marquette.
Benton Harbor College.	Marshall.
Big Rapids.	Mason.
Birmingham.	Menominee.
Buchanan.	Monroe.
Cadillac.	Mt. Clemens.
Calumet.	Muskegon.
Cassopolis.	Negaunee.
Champion.	Niles.
Charlotte.	Norway.
Coldwater.	Orchard Lake Academy.
Constantine.	Owosso.
Corunna.	Paw Paw.
Decatur.	Petoskey.
Detroit.	Plainwell.
Detroit School for Boys.	Pontiac.
Dowagiac.	Port Huron.
Eaton Rapids.	Portland.
Escanaba.	Raisin Valley Seminary.
Fenton.	Romeo.
Flint.	Saginaw, East Side.
Grand Haven.	Saginaw, West Side.
Grand Rapids.	St. Clair.
Greenville.	St. Johns.
Hancock.	St. Joseph.
Hastings.	St. Louis.
Hillsdale.	Sault Ste. Marie.
Holly.	Schoolcraft.
Houghton.	Sturgis.
Howell.	Tecumseh.
Hudson, West Side.	Three Rivers.
Ionia.	Traverse City.
Iron Mountain.	Union City.
Ironwood.	Vassar.
Ishpeming.	Vicksburg.
Ithaca.	West Bay City.
Jackson, East Side.	Wyandotte.
Jackson, West Side.	Ypsilanti.

SUPPLEMENTARY (NORMAL SCHOOL) LIST.

Almont.....	1897	Midland.....	1898
Armada.....	1899	Milan.....	1899
Bronson.....	1899	Morenci.....	1899
Chelsea.....	1897	Northville.....	1897
Carson City.....	1899	Nashville.....	1899
Dexter.....	1899	Newaygo.....	1899
Dundee.....	1897	Ovid.....	1897
Dearborn.....	1899	Oscoda.....	1899
Elk Rapids.....	1899	Oxford.....	1899
Ewart.....	1899	Quincy.....	1897
Galesburg.....	1897	Republic.....	1897
Grass Lake.....	1899	Reed City.....	1899
Hudson, East.....	1898	South Haven.....	1897
Lowell.....	1897	Shelby.....	1899
Manchester.....	1897	Utica.....	1899
Manistique.....	1897	Williamston.....	1897
Marcellus.....	1897	Whitehall.....	1898
Mt. Pleasant.....	1897		

Each school is approved regularly for a period of three years. The dates accompanying the names show when the commissions expire.

These 130 schools represent fifty-six (56) counties of the State and every section. During the past two years eighty-six (86) of the schools have sent graduates to the Normal. Twenty (20) of them have in this period sent ten or more students each. In addition to these approved high schools, applicants are admitted and their standings accepted from the University of Michigan, the State Agricultural College, the Mining School, and the following incorporated institutions: the colleges of Adrian, Albion, Detroit, Hillsdale, Hope, Kalamazoo, Olivet and Alma.

The teachers' course for college graduates has by your official action been extended from one semester to one full year. The change will go into effect September, 1897. The course to be offered is as follows:

First Semester.

	Weeks.
The History and Science of Education	20
Advanced Psychology.....	10
Professional work in Science	10
Teachers' Course in History.....	10
Elective Method Work.....	30

Second Semester.

School Systems and Theories.....	10
Foreign Language Method, or English	10
Elective Method Work.....	20
Teaching	40

Among the colleges named whose standings are accepted by the Normal School there are, of course, considerable differences in thoroughness, extent of course, character of subjects, efficiency of instruction, etc. It has several times been questioned whether the Normal School should not make some attempt to adjust their relations to our work on the basis of individual credits. The matter is left for your consideration, and your cooperation respectfully solicited.

Besides the cooperation here outlined and annually published in the year book it has been the policy of the school for several years to accept standings more or less freely, but with careful inspection, from other schools, both within and outside our State, the quality of whose work was known to be satisfactory. Occasional schools in Michigan, whose course is too short to allow of their full approval, have enjoyed the privilege of having their instruction in certain subjects count upon our courses. This credit, however, is optional with the heads of departments and every such applicant's case is left to be decided upon its merits.

During the biennial period just closed, the school has had upon its roll graduate or undergraduate students from the following colleges and higher institutions: the University, the Agricultural College, Albion, Adrian, Olivet, Hillsdale and Kalamazoo. While no formal effort has been made to attract students from college alumni to the Normal School, the advantages of the Normal School for thorough instruction and high grade study have been recognized. And it is believed to be a wholesome educational condition that attracts college bred people to professional schools for teachers as well as into law and medical schools and theological seminaries. Whatever the work subsequently of these college students among us, their larger scholarship and longer training must make their public service safer.

Under the provisions here considered, all of the higher institutions in the State, many of the academies and private schools and more than half of the public high schools are closely affiliated with the Normal School and their graduates admitted directly to our classes without examination and usually to advanced standing.

RECOMMENDATIONS.

In section 10, act 194 of the laws of 1889, a clause makes it the duty of the principal of the school to contribute to the board's biennial report, in addition to a general statement of matters pertaining to the immediate direction and control of the school, "such recommendations as he may deem desirable to be made to the board."

More formally, therefore, and in addition to what may have been suggested incidentally elsewhere in this report, the following recommendations are respectfully submitted as deserving of your attention.

I. Conditions of Entrance.

Along with the movement to raise the standard of entrance it has seemed as if the institution owed something to certain agencies through the State that have heretofore had little formal recognition.

By your recent action admission may now be had (1) by one who holds a first grade teachers' license, provided it be endorsed by the State Superintendent of Public Instruction; and (2) by an undergraduate as well as a

graduate of an approved school, who files with the clerk a certified copy of his high school standings. In addition to these it is now recommended that some provision be made by law (if need be) or otherwise, whereby examinations for entrance may be taken in the several counties of the State, or at certain convenient points agreed upon; the questions being sent to examiners in sealed packages in August or earlier, and the manuscripts forwarded to this school to be passed upon. Returns of the results could be made to applicants before the school opens in September, and the work of the year be practically determined in advance of coming to Ypsilanti.

2. *A Summer Session.*

For several years there has been a more or less regular demand for a summer session of the Normal School. Occasionally short terms have been held, being generally, however, in charge of some one not connected in an official or professional way with the school. It has not heretofore seemed practicable to maintain a summer session that should be an organic part of the school, and continuing the regular work. Vacation schools running for a longer or shorter time have been organized in various parts of the State, some of which are doing effective work for their attendants. But these in no way meet the needs of many or the demands mentioned above.

Young teachers who are employed for two-thirds or three-fourths of the year, on small salaries, can ill afford to surrender their places to spend one or two years in study, much as they need it, and feel the need.

Teachers of experience wish the opportunity to review certain secondary or other subjects, or to pursue professional courses, and have not at hand either libraries or other equipments to do effective work alone. Superintendents and principals seek to better prepare themselves for supervising and directing their work.

For obvious reasons this preparation for elementary and secondary public school teaching can be better made at Ypsilanti than elsewhere in the State. This is the primary purpose of the school, as it is of no other institution in Michigan except the Central Michigan Normal School. All the equipments of laboratories and libraries have been collected for professional purposes. The faculty have been selected for their particular fitness to do this special kind of work. The courses of instruction, collections of illustrative material, method classes, supplementary and collateral studies, are all made up with the public school teacher in mind.

Moreover, the requests from teachers and intending teachers are for summer instruction in these lines that may also be applied on a regular normal course. This again, as it concerns most professional and some academic and semi-academic subjects, and all of the so-called teachers' courses, can be accomplished only through credits for work done directly with the Normal School. Standings taken in two or three successive summer terms in regular normal classes, would enable most of these students to finish, sooner or later, a course of some kind entitling them to a State license, and in time a life license, as a recognition of their studies.

To meet this want it is respectfully recommended:

That there be maintained at Ypsilanti, in connection with the State Normal School during the summer of 1897, a session of not less than eight weeks offering instruction upon the same conditions as apply to other terms of the year, as follows:

1. That the necessary instructors be employed from the present faculty upon the usual terms, and as may be agreed upon between them and the Board of Education and the principal of the school.

2. That no fee be charged except a registration fee of \$2.50.

3. That all standings granted be such as may be counted upon either the required or elective work of the regular courses.

It is further recommended that for the present such courses be offered during the summer session as shall seem best to the several heads of departments, subject to the approval of the principal and the State Board of Education.

That it be premised that the ultimate aim is the making of the session practically continuous; the year being divided into quarters or other terms, shorter or longer, as shall seem, after due trial and inquiry, for the best interest of the State and the school.

That in this ultimate plan there be contemplated the present academic year as the unit of employment; and that leaves of absence among members of the faculty be arranged with the principal and State Board of Education, due regard being had for the preferences and convenience of said members, and the needs of the school.

That, for the present, the distribution of terms and vacations remain unchanged, unless while the experiment is being made, it is found desirable to open the fall term of 1897 one week later.

That further details of the proposed summer term be referred to subsequent conference between the Board of Education and this council.

The above recommendation is the result of several conferences with the heads of departments and other members of the faculty interested, and in its present form is supported unanimously by the council, the following resolution appearing in their records:

"Resolved, That it is the sense of this council that, for reasons that will appear, steps should be taken to extend officially the privileges and influence of the State Normal School to persons not now reached by it, and that this minute of our proceedings be communicated to the Board of Education with such recommendation."

3. Buildings and Grounds.

The new training school building, begun in the summer of 1895, and for which an appropriation of \$25,000 was made by the last legislature, toward its construction, is left unfortunately with the two end wings having foundations only.

The original plan contemplated nine school rooms, one for each of the eight elementary grades and the kindergarten, and a number of class rooms in which student teachers might have opportunity for their own teaching and practice in handling classes. You, of course, gentlemen, familiar with the Normal School administration, understand and can appreciate the need, not of school rooms simply as such, but a large number of recitation rooms as well for much practice in teaching and in management of children.

To every practical man it must be apparent how partial and inadequate is the preparation that includes a study *about* teaching only, as compared with the experience that comes through trying to teach, succeeding and learning why; failing, if need be, and learning why, and how another time to avoid the failure. This teaching comes in the senior year. With the large practice classes, the demand for these recitation rooms becomes more urgent. When the graduates numbered but a hundred or less in any one year, a dozen to fifteen rooms for the training school and for practice teaching were sufficient. But for the last four years the average membership of the senior class has been more than 200, and for the period being treated it has been 226. It is earnestly hoped that the entire building may be speedily completed and be available for use.

The addition of this building to the structures on the campus makes necessary some means of heating it; and economy would suggest that it be heated from the central plant. The present plant is taxed to about its full capacity. To accommodate the new building additional boilers will be needed. The present boiler house has neither room within to add to the equipment nor outside to extend the building.

It is therefore recommended that the heating plant be removed to the rear of the main building, a position quite as convenient to the present rooms and nearer to the new ones. The outside conducting pipes could then be enclosed in mason conduits as a matter of both economy and safety. It is believed that what would be saved through heating all the buildings from this central plant would in a few years equal the expense of moving and enlarging the plant.

The present system of pipes for carrying heat is greatly in need of overhauling and repairs. Much of it has been in place for twelve to fifteen years, some of it longer. With the shifting of the heating plant an opportunity would be offered to make these repairs also. The present boilers must be reset, even if they be not moved. The piping must be renovated if it continue to carry the heat from the present plant. The new buildings can be more economically heated from a central house and with one set of engineers than by a separate equipment. Indeed, the change would seem to be recommended both from necessity and thrift. The recommendation is respectfully submitted.

In making the appropriation mentioned above it was understood by the legislature that the site should be otherwise provided. This was done. In keeping with the past generous attitude of the city, Ypsilanti came forward and offered a beautiful tract adjoining the old campus. Its acceptance puts the school in possession of almost double the amount of land reported two years ago. The training school building being located on one side of this new tract facing Cross street, and the new S. C. A. chapel on the other facing Forrest avenue, make necessary certain drives and walks through the grounds whose construction is recommended.

Further reference only is here made to a special report recently made to the board concerning needed appropriations. The two reports are mutually explanatory and should be considered together. Especial attention should be called to what was said in that special report of the needs of the library. They are vital and urgent.

In closing this, the eighth official and my second biennial report concerning the Normal School, I gladly express my gratification at the continued prosperity of the school and the evidences of genuine respect in

which its work is held both in the State and elsewhere. The service to which it is dedicated is a sacred one, its opportunities are many and promising, its difficulties great. That it shall accomplish all its purpose there is needed a full share of your personal wisdom, and your official authority to which is pledged whatever of coöperation of the faculty or the principal may be of any real assistance.

The accompanying tables are inserted as showing in a comparative way the condition and growth of the school and its relations to the high schools of the State in a more specific way.

Table I gives the general statistics of attendance, classes and honors for the biennial period, and Table II the presence and proportion of high school students and graduates as a factor in the Normal School.

TABLE I.—*Showing attendance for the two years, 1894-5 and 1895-6.*

1. Enrollment, 1894-5.....	954
2. Enrollment, 1895-6.....	965
3. Gain in enrollment.....	31
4. Members in senior class, 1894-5.....	215
5. Members in senior class, 1895-6.....	227
6. High school graduates, 1894-5.....	265
7. " " " " 1895-6.....	407
8. " " " " among seniors, 1894-5.....	130
9. " " " " " " 1895-6.....	125
10. Enrollment in training school, 1894-5.....	281
11. Enrollment in training school, 1895-6.....	248
12. Number of post graduates, 1894-5.....	10
13. Number of post graduates, 1895-6.....	20
14. Degrees conferred, B. Pd., 1894-5.....	5
15. Degrees conferred, B. Pd., 1895-6.....	5
16. Total degrees B. Pd. to date.....	52
17. Degrees conferred M. Pd., 1894-5.....	0
18. Degrees conferred M. Pd., 1895-6.....	4
19. Total degrees M. Pd. to date.....	16

TABLE II.—*Showing Growth of High School Patronage.*

1	2	3	4	5	6	7	8	9
Year.	H. S's.	Normal enrollment.	From H. S's.	Per cent.	Schools sending graduates.	Graduates admitted.	Per cent 7 is of 4.	Per cent 6 is of 2.
1883-89.....	143	809	281	34.7	81	125	48.	54.7
1889-90.....	150	811	281	32.2	88	135	51.7	57.8
1890-91.....	210	903	437	48.1	123	223	51.	64.8
1891-92.....	200	1,002	451	45.	142	285	58.7	71.
1892-93.....	192	997	422	45.	150	308	78.	78.
1893-94.....	192	922	392	42.5	159	296	76.3	88.
1894-95.....	188	954	657	63.8	189	365	55.5	76.
1895-96.....	206	955	717	73.	156	407	56.7	75.7

Most respectfully submitted,

RICHARD G. BOONE,
Principal of School.

Ypsilanti, January, 1897.

REPORT OF THE CENTRAL MICHIGAN NORMAL SCHOOL.

To the Honorable, the State Board of Education:

In accordance with the provisions of the statute, I herewith submit my report of the Central Michigan Normal School for the two years ending June 30, 1896.

The Central Normal was established by enterprising citizens of Mt. Pleasant in 1891. The plant, consisting of a commodious building and about ten acres of land, was offered to the State on consideration that the State should use it for normal school purposes, and was accepted by an act of the legislature, approved June 3, 1895. From this it will be seen that the State has controlled the school for little more than a year.

Prof. C. F. R. Bellows, who had been principal of the school since its founding, was retained for the ensuing year but resigned the position at the end of the year. I was elected to the principalship June 24, 1896. It follows that this report covers no part of my administration.

Although the State Board of Education took control of the school in June of 1895, hiring the teachers and shaping the courses of study, it had no funds for equipping and maintaining the school, as the legislature had made no appropriation for these purposes. However, the citizens of Mt. Pleasant, with characteristic enterprise and devotion to the institution, promptly came forward with the necessary means for meeting all running expenses.

The existence of the school was practically unknown outside of its immediate vicinity and there, unfortunately, its lack of equipment and lack of standing were too well known. There was no money for advertising. Taking these facts into consideration it is surprising that the enrollment for last year reached ninety. The graduating class numbered five.

PURPOSE OF THE SCHOOL.

Having had no part in making the brief history of the Central Normal, naturally my thoughts go onward into its future, in contemplation of its mission and the means necessary to fulfil that mission.

It is a matter for congratulation that the purpose of the school is clearly defined by the legislative act which made it a State institution. The act declares that the purpose of the school shall be "For the preparation and

training of persons for teaching in the rural district schools and the primary departments of the graded schools of the State."

That there is an imperative demand for a normal school to take up this line of work is made evident by an examination of the school statistics of the State. The reports of the county commissioners of schools for 1895, as given in the last report of the Superintendent of Public Instruction, show that of the 16,626 persons who applied for certificates at the county examinations, only 1,201, or about one in fourteen, had received any State Normal School instruction whatsoever. Of the 11,914 legally qualified teachers reported by the commissioners, only 448 were graduates from the State Normal. The logic of these figures is that the teachers in our rural schools and in the smaller village schools are practically without professional training.

The reasons for this condition of affairs are not far to seek. (1) We have had but one school in Michigan whose sole business has been to prepare teachers, and the demands are too great for one school, no matter how well equipped or how largely attended, to meet. About one-half the graduates from the State Normal find positions in the 105 cities and towns having a population of over 1,200. A large number of the other half find employment in the smaller towns, and comparatively few go into the rural schools. These facts are no criticism upon the management of the State Normal, but incontrovertible evidence that one normal school is inadequate to the educational needs of our great and growing State; (2) the time and expense necessary to secure even the lower grade certificates granted by our normals are too great for those who are preparing to teach in our rural schools. It is too much to expect that a person who is planning to teach for \$25 a month in a district school will spend three years and from \$500 to \$800 in preparation, even if she is able to do so, when she knows that she can get quite as high wages without such expenditure. And as soon as one has completed a normal school course, better positions in a city or village tempt her away from the rural school.

The result is that the teachers in our rural schools have only such preparation as those schools can give, supplemented frequently by some months' attendance at a high school. As are the teachers so are the schools. Our district schools are far below our city schools in efficiency, and the great educational problem in Michigan is how to give the 300,000 children in the country homes as fair a chance for an education as have the 400,000 children in our cities.

NEEDED LEGISLATION.

From these facts it is clear what should be done to make it possible for the Central Normal to accomplish for the rural schools the work for which it was established. There should be a lessening of the time and expense now required to obtain normal school preparation for teaching in the rural schools. The power of the State Board of Education relative to the granting of certificates should be enlarged. The board should be empowered to offer a course which, with reasonable preparation on the part of candidates entering, could be finished in one year. Those who completed the course should receive certificates good anywhere in Michigan for the period of three years and qualifying the holders to teach in district schools only. I am confident such a course, leading to such a certificate, would

attract many young people who are now teaching or who expect to teach in our rural schools, and would be one step toward the solution of the country school problem.

NEEDED EQUIPMENT.

I have already mentioned the sore need of better equipment. At present about half the rooms in the building are unused because they can not be heated. The building was planned for steam heat, but as yet no heating plant has been put in and it is quite impossible to heat some of the rooms with stoves. The school has a library room, but has very few books and no periodicals. The students see not even the leading educational journals, except the *Michigan School Moderator*. We have a physical laboratory, but no apparatus to speak of. We are not sufficiently supplied with furniture for the rooms. It goes without saying that no school can do justice to 20th century demands without educational appliances. Undoubtedly the legislature soon to convene will hasten to provide the modest amount needed to reasonably equip the school.

In closing I wish to express my appreciation of the honor conferred upon me by the board in my election to the principalship of Michigan's new normal school. I believe in its mission. I believe in its future. My ambition is to assist in building up an institution which shall render the largest possible service to the State. In such an undertaking I am assured of your counsel and coöperation.

ESTIMATED NEEDS.

Estimates of money needed for the Central Michigan Normal School for each of the fiscal years, 1897-1898:

Fuel.....	\$500 00
Library.....	750 00
Apparatus.....	400 00
Printing.....	400 00
Light.....	100 00
Insurance.....	150 00
Grounds.....	500 00
Contingent.....	1,000 00
Salaries.....	10,000 00
	<u>\$13,800 00</u>

SPECIAL APPROPRIATION.

Heating.....	\$2,500 00
Closets.....	2,500 00
Total special appropriation.....	<u>\$5,000 00</u>

STATE BOARD OF EDUCATION.

ESTIMATED RECEIPTS.

Admission fees.....	\$1,000 00
Diplomas.....	100 00
Interest on deposit.....	50 00
Total estimated receipts.....	<u>\$1,150 00</u>

Balance to be appropriated by legislature for each of the years 1897 and 1898, \$21,850.

Total appropriations asked for, for two years, \$43,700.

INVENTORY.

*Abstract of inventory of property belonging to Central Michigan Normal School,
June 30, 1896.*

Items.	Amount.	Total.
About 10 acres of land.....	\$1,800 00	
Main building (brick).....	13,000 00	
Stoves.....	50 00	
Library.....	100 00	
Apparatus.....	125 00	
Furniture.....	50 00	
		\$15,125 00

Respectfully submitted,
CHARLES McKENNY,
Principal.

TREASURER'S REPORT.

State Board of Education:

GENTLEMEN—The following report contains an account of all the moneys that came into my possession as treasurer of the State Board of Education for the fiscal years ending June 30, 1895, and June 30, 1896.

Exhibits "A" and "B" show respectively the amounts coming into the board's possession, during each of these years, giving dates of receipts and the sources from which they were derived.

Exhibits "C" and "D" are detailed statements of disbursements made in each year, vouchers for every item of which are on file in the office of the Board of Education at the State Normal School at Ypsilanti, and also in the office of the Auditor General.

Exhibits "E" and "F" are complete statements of salaries paid to members of the Normal school faculty and regular employés, during each of the fiscal years.

Exhibits "G" and "H" are tabular summaries of the transactions of the treasurer of this board with the Auditor General, through whom all moneys paid by the State into the hands of your treasurer are received, and to whom detailed statements, accompanied by vouchers of all expenditures, are made.

The report shows an overdrawn balance at the end of the fiscal year June 30, 1896; and this leads me to say that it would be better if the treasurer's report could begin and end with his own term of office, January 1, 1895, and January 1, 1897. This would enable the legislature to have a better understanding of the expenditures of the board and of the institution. When your treasurer took the office January 1, 1895, there was an indebtedness of four thousand one hundred thirty-three and fourteen one-hundredths dollars, and when his term expired all indebtedness had been paid. There have been increased expenses incidental to the new training school, yet the finances have been kept wholly within the legislative appropriations during the calendar years 1895 and 1896.

I desire to commend the wisdom of the legislature in the act of 1895 for current expenses of the State Normal School.

Previous legislatures have specified where certain amounts of the current expense fund should be expended. Under the law of 1895, the treasurer's reports are very much simplified and the board can apply the current expense fund where it may be most needed. If this plan is continued by future legislatures, the board will be enabled to adjust the expenditures, to reduce the expenses to a minimum, to wisely and economically administer all the affairs of the State Normal School.

The balances reported are deposited in the First National Bank of Benton Harbor. Approved by the board.

Respectfully yours,

EUGENE A. WILSON,
Treasurer.

STATE BOARD OF EDUCATION

EXHIBIT A.

Eugene A. Wilson, Treasurer, Dr., for fiscal year ending June 30, 1895.

Date.	I. On account of current expense.	Amounts.	Totals.
1894. July 1	Balance on hand.....		\$2,001 88
	<i>I. Legislative appropriation.</i>		
Nov. 30 1895	Part of State Treasurer's check.....	\$15,131 30	
Jan. 29 1895	" " " " " No. 8058.....	13,000 00	
Mar. 11	" " " " " " 16987.....	10,000 00	
Apr. 10	" " " " " " 17721.....	18,000 00	51,131 30
	<i>II. Admission fees.</i>		
1894 July 1	Frances L. Stewart, clerk.....	\$22 50	
Oct. 1	" " " " " ".....	3,270 00	
Nov. 3	" " " " " ".....	105 00	
Nov. 30 1895	" " " " " ".....	197 50	
Feb. 28 1895	" " " " " ".....	2,995 00	
Apr. 27	" " " " " ".....	65 00	
May 31	" " " " " ".....	35 00	6,690 00
	<i>III. Tuition.</i>		
1894 Oct. 1	Frances L. Stewart, clerk.....	\$450 00	
Nov. 30 1895	" " " " " ".....	47 50	
Feb. 28 1895	" " " " " ".....	\$92 50	
Apr. 27	" " " " " ".....	12 50	902 50
	<i>IV. Laboratory fees.</i>		
1894 July 1	Frances L. Stewart, clerk.....	\$72 50	
Nov. 3	" " " " " ".....	15 00	
Nov. 30 1895	" " " " " ".....	31 00	
Feb. 28 1895	" " " " " ".....	168 50	
Apr. 27	" " " " " ".....	168 00	
May 31	" " " " " ".....	42 00	
June 29	" " " " " ".....	68 00	565 00
	<i>V. Diploma fees.</i>		
1894 July 1	Frances L. Stewart, clerk.....	\$857 00	
1895 Apr. 27	" " " " " ".....	16 00	
June 29	" " " " " ".....	515 50	888 50
	<i>VI. Organ fees.</i>		
1894 July 1	Frances L. Stewart, clerk.....	\$10 80	10 80
	<i>VII. Interest on deposits.</i>		
Dec. 31 1895	State Savings Bank, Detroit.....	\$127 07	
Mar. 3	Benton Harbor First National Bank.....	18 97	
Mar. 31	" " " " " ".....	15 17	
May 1	" " " " " ".....	20 00	
June 5	" " " " " ".....	23 77	204 98
	<i>VIII. From other sources.</i>		
1894 July 1	Sale of text books.....	\$2 05	
July 1	Demurrage refunded.....	2 00	
1895 June 29	Frances L. Stewart, clerk, sundries.....	19 45	23 50
	Total receipts including balance on hand.....		\$52,418 41

TREASURER'S REPORT.

27

EXHIBIT A.—CONT D.

Date.	II. On account of building and other special purposes.	Amounts.	Totals.
	<i>I. Building.</i>		
1894 June 30	Balance on hand.....		\$300 17
	<i>II. Library.</i>		
June 30	Balance on hand.....	\$36 43	
Sept. 1 1895	Transfer from current expenses.....	400 00	
May 31	" " " ".....	639 63	
June 29	" " " ".....	140 99	
			1,267 04
	Total for building and library.....		\$1,567 21
	Deduct transfers.....		1,180 62
			\$386 59
	Current expenses.....		62,418 41
	Total debits for fiscal year.....		\$62,805 00

EXHIBIT B.

Eugene A. Wilson, Treasurer, Dr., for fiscal year ending June, 1896.

Date.	I. On account of current expense.	Amounts.	Totals.
1895 July 1	Balance on hand.....		\$2,373 85
	<i>I. Legislative Appropriations.</i>		
July 3	Part of State Treasurer's check No. 19446.....	\$7,837 50	
Oct. 12	" " " " " " 21001.....	14,500 00	
1896 Jan. 11	" " " " " " 23301.....	14,800 00	
Apr. 6	" " " " " " 25053.....	14,625 00	
			51,562 50
	<i>II. Normal School Interest Fund.</i>		
1896 July 3	Part of State Treasurer's check No. 19245.....	\$2,687 76	
Dec. 14	" " " " " " 21797.....	1,026 53	
1896 Jan. 11	" " " " " " 23301.....	1,015 13	
			4,729 42
	<i>III. Admission Fees.</i>		
1895 Oct. 2	Frances L. Stewart, clerk.....	\$3,235 00	
Oct. 31	" " " " " ".....	132 50	
Nov. 30	" " " " " ".....	75 00	
1896 Jan. 1	" " " " " ".....	17 50	
Feb. 26	" " " " " ".....	2,910 00	
May 4	" " " " " ".....	220 00	
June 30	" " " " " ".....	5 00	
			6,595 00
	<i>IV. Tuition.</i>		
1895 Oct. 2	Frances L. Stewart, clerk.....	\$567 50	
Oct. 31	" " " " " ".....	45 00	
Nov. 30	" " " " " ".....	15 00	
1896 Feb. 26	" " " " " ".....	363 50	
May 4	" " " " " ".....	22 50	
			1,012 50
	Amount carried forward.....		\$66,273 27

TREASURER'S REPORT.

29

EXHIBIT C.

Eugene A. Wilson, Treasurer, Or., for fiscal year ending June 30, 1895.

I. CURRENT EXPENSES.

Date.	No. of voucher.	Payee.	For what object.	Amounts.	Totals.
1894 Sept. 1	453	The Aurora.....	Advertising.....	\$15 00	
	454	Ypsilanti Electric Co.....	Lights.....	13 19	
	455	Knock Andrus.....	Visitor.....	21 50	
	456	Franklin I. Carpenter.....	Supplies.....	23 86	
	457	Ypsilanti Gas Co.....	Gas.....	23 25	
	458	R. G. Boone.....	Sundries.....	46 79	
	459	R. G. Boone.....	Express.....	6 10	
	460	John L. Laidlow.....	Gymnasium.....	50 00	
	461	Homer Briggs.....	Drying.....	38 78	
	462	Ypsilanti Lumber Co.....	Gymnasium.....	157 99	
	463	Frances L. Stewart.....	Fees refunded.....	260 00	
	464	John L. Laidlow.....	Gymnasium.....	70 75	
	465	Pay roll for July.....	Salaries.....	\$16 66	
	466	R. G. Boone.....	Extra labor.....	31 00	
	467	David A. Hammond.....	Contingent.....	200 00	
					\$1,304 47
Oct. 1	468	I. M. Cornell.....	Repairs.....	\$3 00	
	469	I. M. Cornell.....	Repairs.....	9 89	
	470	Coe & Smith.....	Printing.....	43 80	
	471	C. T. Enders.....	Repairs.....	22 50	
	472	Richmond & Backus Co.....	Supplies.....	14 25	
	473	Richmond & Backus Co.....	Supplies.....	18 00	
	474	Mary Darbel.....	Contingent.....	256 00	
	475	A. M. Collins.....	Supplies.....	4 55	
	476	Ypsilanti Lumber Co.....	Repairs.....	63 89	
	477	R. G. Boone.....	Supplies.....	13 10	
	478	Geo. A. Howe.....	Supplies.....	3 50	
	479	H. Williams.....	Supplies.....	3 21	
	480	John L. Laidlow.....	Gymnasium.....	24 00	
	481	John L. Laidlow.....	Gymnasium.....	9 10	
	482	W. H. Lytle.....	Repairs.....	5 58	
	483	M. O. Straight.....	Supplies.....	2 50	
	484	R. G. Boone.....	Express.....	5 45	
	485	Peninsular Paper Co.....	Supplies.....	12 60	
	486	D. A. Sargent.....	Supplies.....	8 40	
	487	J. L. Harlow.....	Repairs.....	21 50	
	488	Tel. & Tel. Construction Co.....	Telephone.....	12 00	
	489	Soule Photo Co.....	Supplies.....	7 25	
	490	Ward's Nat. Science Estab.....	Laboratory.....	19 20	
	491	R. G. Boone.....	Repairs.....	18 50	
	492	The Grange Visitor.....	Advertising.....	4 00	
	493	Wm. H. Rau.....	Supplies.....	7 50	
	494	Paid in November.....			
	495	Pay roll for September.....	Salaries.....	5,082 66	
	496	Pay roll for August.....	Salaries.....	321 66	
					6,019 09
Nov. 16	498½	Richmond & Backus Co.....	Supplies.....	\$ 25 50	
	497	E. E. Lyon.....	Supplies.....	9 00	
	498	C. W. Rogers.....	Supplies.....	46 75	
	499	Solar Refining Co.....	Fuel.....	124 64	
	500	F. W. Wamsley.....	Biological laboratory.....	14 60	
	501	John B. Gower.....	Gymnasium.....	22 25	
	502	Homer Briggs.....	Freight.....	9 61	
	503	Tel. & Tel. Const. Co.....	Telephone.....	12 00	
	504	Mineralized Rubber Co.....	Supplies.....	30 00	
	505	Ypsilanti Electric Co.....	Gymnasium lights.....	5 02	
	506	Richard G. Boone.....	Extra labor.....	19 97	
	507	Richard G. Boone.....	Supplies.....	38 25	
	508	Richard G. Boone.....	Express.....	3 70	
	509	Clayton, Lambert & Co.....	Repairs.....	54 51	
	510	Ypsilanti Gas Co.....	Gas.....	52 50	
	511	Thomas Charles Co.....	Tr. Sch. supplies.....	86 11	
	512	A. Flannagan.....	Tr. Sch. supplies.....	5 99	
	513	A. Flannagan.....	Tr. Sch. supplies.....	3 60	
	514	Bausch & Lomb Opt. Co.....	Laboratory.....	3 00	
	515	City of Ypsilanti.....	Water.....	150 00	
	516	Error, same as v. 496.....			
	517	W. M. Osband.....	Printing.....	31 50	
		Amount carried forward.....		\$308 51	\$7,322 56

STATE BOARD OF EDUCATION.

EXHIBIT C.—CONTINUED.

Date.	No. of voucher.	Payee.	For what object.	Amounts.	Totals.
		Amount brought forward.....		\$908 51	\$7,322 56
1894 Nov. 16	518	Coe & Smith.....	Printing.....	51 75	
	519	Ypsilanti Electric Co.....	Lights.....	16 89	
	520	Alice Bryant Perry.....	Training school.....	50 00	
	521	Silver, Burdette & Co.....	Supplies.....	21 60	
	522	Lamb, Davis & Kishler.....	Gymnasium supplies.....	9 50	
	523	Townsend McCoun.....	Supplies.....	20 00	
	494	Solar Refining Co.....	Fuel.....	100 20	
					1,078 45
Dec. 1	524	Solar Refining Co.....	Fuel.....	\$275 68	
Dec. 28	525	Richmond & Backus Co.....	Supplies.....	27 00	
	526	Phoenix Wire Works.....	Repairs.....	4 75	
	527	R. G. Boone.....	Extra labor.....	18 87	
	528	R. G. Boone.....	Supplies.....	15 67	
	529	Eberbach Drug & Chem. Co.....	Laboratory supplies.....	1 80	
	530	Wallace & Clark.....	Supplies.....	6 75	
	531	D. C. Heath & Co.....	Tr. Sch. supplies.....	8 64	
	532	Register Pub. Co.....	Repairs.....	6 00	
	533	R. G. Boone.....	Express.....	2 26	
	534	Geo. W. Rowe.....	Repairs.....	34 86	
	535	Ypsilanti Electric Co.....	Lights.....	15 70	
	536	Ypsilanti Gas Co.....	Gas.....	36 15	
	537	F. W. Gianfield.....	Fuel.....	118 00	
	538	Clayton, Lambert & Co.....	Repairs.....	68 22	
	539	O. E. Thompson & Sons.....	Supplies.....	42 43	
	540	L. Smith.....	Gymnasium.....	16 06	
	541	R. G. Boone.....	Express.....	9 96	
	542	R. G. Boone.....	Repairs.....	5 00	
	543	R. G. Boone.....	Supplies.....	18 10	
	544	R. G. Boone.....	Extra labor.....	25 43	
	545	Frank Patten.....	Pianos.....	24 00	
	546	D. A. Hammond.....	Contingent.....	200 00	
	547	Frank Smith.....	Supplies.....	29 95	
	548	Frank Smith.....	Supplies.....	22 20	
	549	E. H. Payne.....	Extra labor.....	38 35	
	550	Frances L. Stewart.....	Fees refunded.....	271 25	
	551	Chicago Paper Co.....	Supplies.....	45 60	
	552	Solar Refining Co.....	Fuel.....	378 22	
	553	Herrick & Beaver.....	Insurance.....	120 00	
	554	Franklin I. Carpenter.....	Supplies.....	6 30	
	555	C. E. King & Co.....	Supplies.....	19 00	
	556	Pay roll for October.....	Salaries.....	5,088 66	
	557	Pay roll for November.....	Salaries.....	5,088 66	
	558	Wm. Murton.....	Extra labor.....	84 69	
	559	Ypsilanti Gas Co.....	Gas.....	37 35	
	560	Ypsilanti Electric Co.....	Lights.....	47 53	
					12,204 24
1895 Jan. 29	1	Coe & Smith.....	Supplies.....	\$50 00	
	2	Ypsilanti Water Board.....	Water.....	256 83	
	3	Harding & Shaefer.....	Supplies.....	24 27	
	4	Ypsilanti Gas Co.....	Gas.....	51 45	
	5	D. E. Wilbur.....	Insurance.....	360 00	
	6	Hall & Woodman.....	Extra labor.....	4 15	
	7	E. G. Smith.....	Apparatus.....	10 80	
	8	August Moeller.....	Pipe organ.....	25 00	
	9	W. W. Worden.....	Supplies.....	83 80	
	10	Ypsilanti Electric Co.....	Light.....	29 42	
	11	O. E. Thompson.....	Extra labor.....	5 87	
	12	C. F. Enders.....	Supplies.....	7 25	
	13	Franklin I. Carpenter.....	Supplies.....	2 92	
	14	H. R. Scoville.....	Supplies.....	9 78	
	15	Ypsilanti Lumber Co.....	Supplies.....	12 78	
	16	John H. Wortley.....	Insurance.....	96 00	
	17	Solar Refining Co.....	Fuel.....	435 57	
	18	Fred J. Schiede.....	Repairs.....	3 65	
	19	Michigan School Moderator.....	Advertising.....	25 00	
	20	Thos. McGregor.....	Contingent.....	430 05	
	21	Tel. & Tel. Construction Co.....	Telephone rent.....	12 00	
	22	Geo. W. Rowe.....	Supplies.....	11 00	
	23	Clayton, Lambert & Co.....	Repairs.....	84 22	
	24	Frances L. Stewart.....	Supplies.....	5 11	
	25	Frances L. Stewart.....	Extra labor.....	27 09	
	26	Frances L. Stewart.....	Supplies.....	5 95	
		Amount carried forward.....		\$2,118 41	\$20,805 25

TREASURER'S REPORT.

31

EXHIBIT C.—CONTINUED.

Date.	No. of voucher.	Payee.	For what object.	Amounts.	Totals.
		Amount brought forward.....		\$2,118 41	\$20,605.25
1895					
Jan. 29	27	Frances L. Stewart.....	Supplies.....	1 85	
	28	Frances L. Stewart.....	Supplies.....	20 45	
	29	Frances L. Stewart.....	Extra labor.....	25 04	
	30	A. L. Smith.....	Insurance.....	120 00	
Jan. 31	31	Pay roll for January.....	Salaries.....	5,123 66	7,409 41
Feb. 1	32	Solar Refining Co.....	Fuel.....	\$402 12	
Feb. 5	33	American School Commissioner.....	Advertising.....	25 00	
Feb. 6	34	D. A. Hammond.....	Apparatus, Gym.....	58 40	
Feb. 27	35	Pay roll for February.....	Salaries.....	5,208 68	
	36	Frances L. Stewart.....	Telegraph.....	9 47	
	37	Frances L. Stewart.....	Extra labor.....	3 78	
	38	Frances L. Stewart.....	Express.....	11 15	
	39	Frances L. Stewart.....	Supplies.....	2 85	
	40	C. E. Russell.....	Insurance.....	72 00	
	41	Abel Ames & Co.....	Bl. laboratory.....	14 10	
	42	Register Publishing Co.....	Repairs.....	25 20	
	43	C. F. Enders.....	Supplies.....	4 50	
	44	B. M. Damon.....	Fuel.....	6 00	
	45	Clayton, Lambert & Co.....	Repairs.....	67 55	
	46	Ypsilanti Electric Co.....	Light.....	20 98	
	47	O. E. Thompson.....	Repairs.....	8 54	
	48	Ypsilanti Gas Co.....	Gas.....	55 95	
	49	D. A. Hammond.....	Contingent.....	48 45	
	50	Coe & Smith.....	Printing.....	40 65	
	51	Richmond & Backus Co.....	Supplies.....	11 75	6,117 97
Mar. 1	52	R. G. Boone.....	Contingent.....	\$24 50	
Mar. 2	53	Solar Refining Co.....	Fuel.....	425 17	
Mar. 4	54	C. L. Shear.....	Museum.....	6 00	
Mar. 5	55	Queen & Co.....	Bl. laboratory.....	5 91	
Mar. 9	56	Pay roll December.....	Salaries.....	5,088 66	
Mar. 13	57	Thos. Charles.....	Training school.....	93 12	
	58	John P. Kirk.....	Extra labor.....	1 00	
	59	John P. Kirk.....	Supplies.....	31 10	
	60	A. E. Strong.....	Apparatus.....	2 17	
	61	A. E. Strong.....	Apparatus.....	6 00	
	62	A. E. Strong.....	Apparatus.....	12 50	
	63	Frances L. Stewart.....	Extra labor.....	25 90	
	64	Frances L. Stewart.....	Express.....	5 15	
	65	Frances L. Stewart.....	Supplies.....	45 59	
	66	Ypsilanti Electric Co.....	Light.....	14 59	
	67	Ypsilanti Gas Co.....	Gas.....	48 50	
	68	The Prang Ed. Co.....	Apparatus.....	9 96	
	69	W. A. Olmstead.....	Apparatus.....	8 84	
	70	O. E. Thompson.....	Repairs.....	67 85	
	71	Wm. Martin.....	Extra labor.....	2 20	
	72	Richmond & Backus Co.....	Supplies.....	18 00	
	73	Houghton, Mifflin Co.....	Training school.....	69 02	
	74	Silver, Burdett & Co.....	Training school.....	28 34	
	75	Harding & Schaefer.....	Supplies.....	1 55	
	76	L. Smith.....	Supplies.....	16 48	
	77	H. V. Deidrich.....	Repairs.....	25 00	
	78	B. M. Damon.....	Demurrage.....	5 00	
	79	Ernest Vroman.....	Extra labor.....	6 25	
	80	J. G. Gray.....	Apparatus.....	6 94	
	81	Ypsilanti Lumber Co.....	Repairs.....	1 70	
Mar. 21	82	Solar Refining Co.....	Fuel.....	497 15	
Mar. 30	83	March pay roll.....	Salaries.....	5,223 67	11,814 2
Apr. 1	84	Solar Refining Co.....	Fuel.....	\$340 54	
	85	Frank Smith.....	Supplies.....	20 58	
	86	Frank Smith.....	Supplies.....	4 58	
	87	Calvert Lith. Co.....	Supplies.....	11 25	
	88	Eberbach Drug & Chem. Co.....	Bl. laboratory.....	17 84	
Apr. 29	89	April pay roll.....	Salaries.....	5,286 17	
Apr. 30	90	Frances L. Stewart.....	Extra labor.....	32 48	
	91	Frances L. Stewart.....	Repairs.....	21 62	
	92	Richmond & Backus Co.....	Supplies.....	8 67	
	93	Richmond & Backus Co.....	Supplies.....	9 00	
	94	D. A. Hammond.....	Contingent.....	60 97	
	95	Ypsilanti Electric Co.....	Light.....	17 23	
Amount carried forward.....				\$5,775.86	\$45,946.86

STATE BOARD OF EDUCATION.

EXHIBIT C.—CONTINUED.

Date.	No. of voucher.	Payee.	For what object.	Amounts.	Totals.
		Amount brought forward.....		\$5,775.55	\$45,946.88
1895					
Apr. 30	96	Wm. M. Osband.....	Printing.....	12 25	
	97	Ypsilanti Gas Co.....	Gas.....	40 50	
	98	S. H. Dodge & Son.....	Supplies.....	45 50	
	99	Coe & Smith.....	Printing.....	25 50	
	100	E. S. Ritchie & Sons.....	Apparatus.....	7 87	
					5,907 47
May 4	101	Solar Refining Co.....	Fuel.....	\$318 17	
	102	E. G. Boone.....	Contingent.....	57 51	
May 15	103	Frances L. Stewart.....	Express.....	4 55	
	104	Frances L. Stewart.....	Extra labor.....	19 24	
	105	Frances L. Stewart.....	Contingent.....	10 00	
	106	Frances L. Stewart.....	Supplies.....	9 48	
	107	Tel. & Tel. Construction Co.....	Telephone rent.....	9 00	
	108	Solar Refining Co.....	Fuel.....	108 08	
	109	Ypsilanti Electric Co.....	Light.....	12 89	
	110	D. W. C. Matthews.....	Supplies.....	4 65	
May 31	111	Pay roll for May.....	Salaries.....	5,321 17	
					5,774 20
June 8	112	Manchester Manufacturing Co.....	Repairs.....	\$115 00	
	113	Smith & Wallace.....	Insurance.....	60 00	
	114	Frank S. Collins.....	Museum.....	10 00	
June 10	115	Frances L. Stewart.....	Supplies.....	44 80	
	116	F. H. Pease.....	Piano.....	65 00	
	117	E. G. Boone.....	Contingent.....	114 85	
	118	Austin George.....	Contingent.....	29 45	
	119	Lucy A. Osband.....	Museum.....	5 75	
	120	Clayton, Lambert & Co.....	Repairs.....	80 97	
	121	Ypsilanti Electric Co.....	Light.....	13 84	
	122	Calvert Lith. & Eng. Co.....	Diplomas.....	171 25	
	123	O. E. Thompson & Sons.....	Supplies.....	2 95	
	124	Morgan Envelope Co.....	Supplies.....	39 00	
	125	Coe & Reed.....	Printing.....	15 35	
	126	C. W. Rogers.....	Supplies.....	25 40	
	127	Normal News.....	Advertising.....	25 00	
	128	Lamb, Davis & Kishlar.....	Gymnasium.....	4 58	
	129	Penn. Paper Co.....	Supplies.....	53 20	
	130	White Laundry.....	Gymnasium.....	8 57	
	131	G. Stanley Hall.....	Contingent.....	150 00	
	132	Frances L. Stewart.....	Fees refunded.....	252 00	
					1,235 41
1894					\$58,883 94
Sept. 1		Transferred to library.....			400 00
1895					
May 31		Transferred to library.....			689 63
June 29		Transferred to library.....			140 99
		Total credits to current expense for fiscal year.....			\$60,014 56
		Balance on hand to new account.....			2,378 85
					\$62,418 41
		Deduct transfers.....			1,180 63
		Total, less transfers.....			\$61,237 79

TREASURER'S REPORT.

38

EXHIBIT C.—CONTINUED.

II. ON ACCOUNT OF BUILDING AND OTHER SPECIAL PURPOSES.

I. Library.

Date.	No. of voucher.	Payee.	Amounts.	Totals.
1894				
Sept. 1	126 B	Eaton, Lyon & Co.	\$50 99	
	127 B	Eaton, Lyon & Co.	12 66	
	128 B	Eaton, Lyon & Co.	63	
	129 B	Eaton, Lyon & Co.	10 08	
	180 B	Eaton, Lyon & Co.	8 50	
	131 B	F. J. Schleede	48 65	
	132 B	F. J. Schleede	89 65	
Sept. 28	133 B	Eaton, Lyon & Co.	33 54	
	134 B	D. Appleton & Co.	6 00	
	135 B	B. Westerman & Co.	1 97	
	136 B	F. A. Brockhaus	119 87	
	137 B	A. C. McClurg & Co.	7 63	
				\$389 67
Nov. 22	138 B	John MacFarlane	\$5 25	
	139 B	Eaton, Lyon & Co.	1 51	
	140 B	A. C. McClurg & Co.	3 55	
	141 B	Eaton, Lyon & Co.	8 25	
				18 56
Dec. 28	142 B	A. C. McClurg & Co.	\$12 38	
	144 B	Public School Publishing Co.	1 00	
				13 38
1895				
Jan. 29	1 B	C. W. Bennett	\$89 55	
	2 B	H. Williams	2 28	
	3 B	Wm. H. Guild & Co.	9 50	
	4 B	John Wanamaker	5 00	
	5 B	John MacFarlane	4 73	
	6 B	A. C. McClurg & Co.	27 19	
	7 B	Register Publishing Co.	14 25	
	8 B	Register Publishing Co.	12 55	
Jan. 30	9 B	F. A. Brockhaus	20 20	
Jan. 31	10 B	D. Appleton & Co.	9 00	
				174 25
Feb. 1	11 B	C. W. Bennett	\$7 40	
Feb. 6	12 B	Eaton, Lyon & Co.	8 50	
Feb. 27	13 B	A. C. McClurg & Co.	42 16	
	14 B	A. C. McClurg & Co.	4 18	
	15 B	A. C. McClurg & Co.	21 37	
	16 B	Library Bureau	29 40	
	17 B	Wm. H. Guild & Co.	110 30	
				223 25
Mar. 4	18 B	B. Westerman & Co.	\$2 51	
Mar. 18	19 B	Register Publishing Co.	8 40	
	20 B	Register Publishing Co.	18 20	
	21 B	Register Publishing Co.	7 50	
	22 B	Register Publishing Co.	4 20	
	23 B	A. H. Weber	1 00	
	24 B	Eaton, Lyon & Co.	2 49	
	25 B	A. C. McClurg & Co.	37 32	
	26 B	A. C. McClurg & Co.	38 26	
	27 B	A. C. McClurg & Co.	2 62	
				112 50
Apr. 1	28 B	Register Publishing Co.	\$6 35	
	29 B	Register Publishing Co.	10 65	
	30 B	A. C. McClurg & Co.	28 73	
	31 B	A. C. McClurg & Co.	8 55	
	32 B	A. C. McClurg & Co.	24 86	
	33 B	A. C. McClurg & Co.	8 96	
	34 B	Frank Smith	1 75	
	35 B	Felix Lamond	47 25	
Apr. 30	36 B	A. C. McClurg & Co.	20 46	
	37 B	F. A. Brockhaus	28 79	
	38 B	H. Williams	1 10	
				132 45
May 2	39 B	John MacFarlane	\$4 98	
	40 B	D. Appleton & Co.	7 00	
				11 98
June 8	41 B	D. Appleton & Co.	\$6 00	
June 10	42 B	A. C. McClurg & Co.	37 25	
	43 B	A. C. McClurg & Co.	60 87	
	44 B	A. C. McClurg & Co.	34 37	
	45 B	F. J. Schleede	8 00	
				140 99
		Total credits for library		\$1,267 04

STATE BOARD OF EDUCATION.

EXHIBIT C.—CONCLUDED.

II. Building.

Date.	No. of voucher.	Payee.	Amounts.	Totals.
1894 Dec. 28	142 B	A. C. Varney & Co.	\$247 28	
		Total credits for building.....	\$247 28	
		Balance on hand.....	52 91	\$300 17
		Total for building and special purposes.....		\$1,567 21
		Current expense.....		61,287 79
		Total for all purposes.....		\$62,855 00

EXHIBIT D.

Eugene A. Wilson, Treasurer, Cr., for fiscal year ending June 30, 1896.

I. CURRENT EXPENSES.

Date.	No. of voucher.	Payee.	For what object.	Amounts.	Totals.
1896 July 1	138	Frances L. Stewart.....	Extra labor	\$28 87	
	144	Frances L. Stewart.....	Expreses	4 00	
	135	Frances L. Stewart.....	Supplies	20 85	
	186	Frances L. Stewart.....	Repairs	4 70	
	187	Coe & Reed.....	Printing.....	4 00	
	138	Coe & Reed.....	Printing.....	372 00	
July 5	139	Beg. Pub. Co.	Library.....	33 90	
	140	Ypsilanti Gas Co.	Gas.....	30 45	
	141	Ypsilanti Gas Co.	Gas.....	32 25	
	142	Frank Smith.....	Supplies.....	3 06	
	148	Frank Smith.....	Tr. Sch. supplies.....	18 81	
	144	Prang, Ed. Co.	Supplies.....	3 24	
	145	White laundry.....	Gymnasium.....	29 67	
	146	Wm. M. Osband.....	Printing.....	88 50	
	147	Sarah P. Stewart.....	Diplomas.....	2 25	
	148	Sanitary & Elec. Co.	Gymnasium.....	125 00	
	149	Stewart & Moore.....	Supplies.....	19 02	
	150	John B. Gower.....	Advertising.....	15 00	
	151	Arthur H. Webber.....	Supplies.....	22 73	
	152	June pay roll.....	Salaries.....	5,411 67	
	153	E. A. Strong.....	Apparatus.....	1 50	
	154	W. W. Worden.....	Repairs.....	6 88	
	155	Hilda Lodeman.....	Diplomas.....	52 00	
	156	Gertrude L. Parsons.....	Music.....	18 55	
	157	A. McPherson.....	Extra labor	159 75	
	158	Library bureau.....	Library.....	1 50	
	159	August Moeller.....	Organ.....	25 00	
	160	Frank Potter.....	Piano.....	24 00	
	161	M. F. Woodruff.....	Printing.....	8 50	
	162	P. W. Carpenter.....	Supplies.....	40 00	
	163	L. C. Mason.....	Gymnasium.....	13 00	
	164	Clayton, Lambert & Co.	Repairs.....	180 17	
July 8	165	Ypsilanti Elec. Co.	Lights.....	20 56	
	166	Eberbach Drug Co.	Bi. laboratory.....	12 48	
	167	Eberbach Drug Co.	Bi. laboratory.....	11 25	
July 10	168	Band, McNally & Co.	Apparatus.....	4 00	
July 20	169	E. A. Wilson.....	Contingent.....	200 00	
Amount carried forward.....				\$7,088 10	

TREASURER'S REPORT.

35

TABLE D.—CONTINUED.

Date.	No. of voucher.	Payee.	For what object.	Amounts.	Totals.
		Amount brought forward.....		\$7,088 10	
1895					
July 30	170	Pay roll for July.....	Salaries.....	\$86 67	
	171	W. H. Lowdermilk & Co.....	Library.....	15 10	
	172	LeFurge & Green.....	Supplies.....	42 41	
	173	Tel. and Tel. Const. Co.....	Telephone.....	9 00	
	174	A. C. McClurg & Co.....	Library.....	1 80	
	175	A. C. McClurg & Co.....	Library.....	5 00	
	176	A. C. McClurg & Co.....	Library.....	18 13	
	177	Frances L. Stewart.....	Extra labor.....	9 28	
	178	Frances L. Stewart.....	Express and supplies.....	10 69	
	179	Smith & Wallace.....	Insurance.....	189 00	
	180	J. H. Wortley.....	Insurance.....	120 00	
	181	Tracy L. Townner.....	Insurance.....	128 00	
	182	Franklin I. Carpenter.....	Repairs.....	8 93	
	183	Wallace & Clark.....	Repairs.....	9 00	
	184	Homer Briggs.....	Freight.....	36 94	
	185	D. E. Wilbur.....	Insurance.....	186 00	
	186	F. A. Brockhaus.....	Library.....	174 79	
					\$8,373 84
Aug. 3	187	D. A. Hammond.....	Printing.....	\$8 25	
	188	D. A. Hammond.....	Printing.....	8 50	
Aug. 5	189	F. M. Crouse.....	Library.....	1 15	
Aug. 6	190	Soule Photograph Co.....	Supplies.....	12 34	
Aug. 20	191	Pay roll for August.....	Salaries.....	\$81 67	
					411 91
Sept. 9	192	Alpheus McPherson.....	Extra labor.....	\$10 08	
	193	H. V. Deitrich.....	Repairs.....	75 24	
	194	Ypsilanti Gas Co.....	Gas.....	40 98	
	195	D. B. Greene.....	Insurance.....	246 00	
	196	R. G. Boone.....	Contingent.....	26 28	
	197	J. A. Underwood.....	Extra labor.....	9 25	
	198	Wm. M. Osband.....	Printing.....	5 25	
	199	Coe & Reed.....	Printing.....	4 00	
	200	A. C. McClurg & Co.....	Library.....	55 60	
	201	D. E. Wilbur.....	Insurance.....	108 00	
	202	Frances L. Stewart.....	Postage.....	27 00	
	203	Frances L. Stewart.....	Express.....	2 67	
Sept. 12	204	C. E. Russell.....	Insurance.....	36 00	
Sept. 14	205	Richmond & Backus Co.....	Printing.....	16 25	
	206	B. Westerman & Co.....	Library.....	90	
Sept. 16	207	A. B. Seymour.....	Bi. laboratory.....	7 50	
	208	Wm. H. Guild.....	Library.....	12 50	
Sept. 23	209	Lamb, Davis & Kishlar.....	Supplies.....	3 59	
	210	Agnes Morse.....	Gymnasium.....	6 00	
	211	Wm. M. Osband.....	Printing.....	28 80	
	212	Fannie C. Burton.....	Gymnasium.....	4 00	
	213	Queen & Co.....	Apparatus.....	151 95	
					877 64
Oct. 1	214	September pay roll.....	Salaries.....	\$5,288 66	
Oct. 12	215	Richmond & Backus Co.....	Supplies.....	2 40	
	216	Frances L. Stewart.....	Supplies.....	8 15	
	217	Frances L. Stewart.....	Supplies.....	47 19	
	218	Mrs. D. C. Batchelder.....	Contingent.....	287 50	
	219	J. E. Beal.....	Gymnasium.....	8 00	
	220	Wm. Merton.....	Extra labor.....	10 63	
	221	Ypsilanti Lumber Co.....	Repairs.....	1 86	
	222	O. E. Thompson & Sons.....	Supplies.....	27 70	
	223	E. S. Greeley & Co.....	Apparatus.....	2 83	
	224	October pay roll.....	Salaries.....	5,308 66	
	225	Standard Oil Co.....	Fuel.....	109 68	
	226	Coe & Reed.....	Printing.....	6 32	
					11,104 63
Nov. 25	227	Coe & Reed.....	Printing.....	\$52 15	
	228	Kalamazoo Pub. Co.....	Tr. Sch. supplies.....	10 55	
	229	Ypsilanti Gas Co.....	Gas.....	63 90	
	230	Ypsilanti Elec. Co.....	Light.....	23 91	
	231	Fred R. Gorton.....	Apparatus.....	5 15	
	232	Standard Oil Co.....	Fuel.....	610 62	
	233	W. B. Stickney.....	Library.....	30 00	
	234	Agnes Morse.....	Extra labor.....	6 00	
	235	Det. Flower Pot Co.....	Buildings and grounds.....	34 70	
	236	F. W. Wamsley.....	Apparatus.....	12 55	
	237	H. D. Edwards & Co.....	Heating apparatus.....	9 04	
	238	Frank Smith.....	Tr. Sch. supplies.....	84 27	
		Amount carried forward.....		\$892 84	\$20,768 02

EXHIBIT D.—CONTINUED.

Date.	No. of voucher.	Payee.	For what object.	Amounts.	Totals.
		Amount brought forward.....		\$892 84	\$20,768 02
1895 Nov. 25	239	Michigan Tel. Co.	Telephone	9 00	
	240	Florence Shultes.....	Supplies	9 80	
	241	C. F. Enders	Repairs	30 65	
	242	W. H. Lowdermilk	Library	1 12	
	243	H. R. Scoville	Contingent.....	22 47	
	244	A. C. McClurg & Co.	Library	26 45	
	245	Frank Smith	Training School	12 47	
	246	Prang Ed. Co.	Training School	10 05	
	247	L. E. Mason	Apparatus	2 25	
	248	Narragansett Manufacturing Co.	Gymnasium	1 85	
	249	Narragansett Manufacturing Co.	Gymnasium	5 20	
	250	Frances L. Stewart	Supplies	9 95	
	251	Frances L. Stewart	Telephone	9 79	
	252	Frances L. Stewart	Express	5 05	
	253	Frances L. Stewart	Extra labor	22 78	
	254	Homer Briggs	Freight	16 41	
	255	F. A. Brockhaus	Library	224 59	
	256	E. S. Greeley & Co.	Apparatus	10 87	
	257	John MacFarlane	Library	7 11	
	258	Wm. B. Guild & Co.	Library	3 00	
					1,349 84
Dec. 2	259	Pay roll for November.....	Salaries	\$5,808 68	
	260	J. R. Miller	Board of Visitors	45 00	
	261	J. D. Schiller	Board of Visitors	85 44	
	262	F. R. Gilson	Board of Visitors	38 44	
					5,427 54
1896 Jan. 1	263	December pay roll.....	Salaries	\$5,808 68	
Jan. 11	264	Frances L. Stewart	Supplies	5 25	
	265	Frances L. Stewart	Express	3 70	
	266	Frances L. Stewart	Apparatus	3 75	
	267	Frances L. Stewart	Tel. & Tel.	7 96	
	268	Frances L. Stewart	Extra labor	26 49	
	269	Frances L. Stewart	Stage	2 00	
	270	City of Ypsilanti	Water	365 87	
	271	Frank Potter	Piano	22 00	
	272	Silver, Bordette & Co.	Training School	3 10	
	273	Mack & Mack	Repairs	4 80	
	274	John M. Hall	Advertising	5 00	
	275	Eberbach Drug Co.	Laboratory	25 10	
	276	White Laundry Co.	Gymnasium	26 01	
	277	Queen & Co.	Apparatus	42 75	
	278	F. H. Pease	Conservatory music	12 19	
	279	F. I. Carpenter	Supplies	15 74	
	280	Richmond & Backus Co.	Supplies	4 50	
	281	Manchester Manufacturing Co.	Heating apparatus	185 00	
	282	Ypsilanti Electric Co.	Light	47 46	
	283	Standard Oil Co.	Fuel	548 90	
	284	E. A. Wilson	Contingent.....	200 00	
	285	H. R. Pattengill	Advertising	12 50	
	286	E. A. Strong	Laboratory	2 50	
Jan. 14	287	August Moeller	Organ	25 00	
	288	Cent. Sch. of Supply House.....	Apparatus	84 00	
	289	Library Bureau	Library	2 25	
	290	D. C. Griffin	Contingent.....	100 00	
	291	City of Ypsilanti	Sewerage	8 55	
Jan. 28	292	A. H. Andrews & Co.	Training School	16 00	
	293	Richmond & Backus Co.	Supplies	5 60	
	294	Richmond & Backus Co.	Supplies	8 75	
	295	Frances L. Stewart	Supplies	5 50	
	296	Frances L. Stewart	Chemicals	7 50	
	297	Frances L. Stewart	Contingent.....	1 75	
	298	Frances L. Stewart	Supplies	9 85	
	299	Frances L. Stewart	Extra labor	2 75	
	300	Frances L. Stewart	Extra labor	28 28	
	301	Coe & R. ed	Printing	35 70	
	302	Ypsilanti Electric Co.	Light	87 47	
	303	Anna A. Schryver	Bi. laboratory	9 75	
	304	LeForge & Green	Supplies	13 40	
	305	W. W. Worden	Supplies	46 71	
	306	Michigan Tel. Co.	Telephone	9 00	
	307	Wm. M. Osband	Printing	10 90	
	308	McMillan & Co.	Library	2 87	
		Amount carried forward		\$7,311 76	\$27,545 40

TREASURER'S REPORT.

87

EXHIBIT D.—CONTINUED.

Date.	No. of voucher.	Payee.	For what object.	Amounts.	Totals.
		Amount brought forward.....		\$7,341 76	\$27,545 49
1896					
Jan. 28	309	Phillips & Parker.....	Library.....	27 86	
	310	Phillips & Parker.....	Library.....	27 90	
	311	H. D. Edwards & Co.....	Supplies.....	5 72	
	312	P. P. Carpenter & Bros.....	Apparatus.....	10 00	
	313	Queen & Co.....	Apparatus.....	1 00	
	314	F. R. Gilson.....	Board of Visitors.....	17 00	
	315	J. R. Miller.....	Board of Visitors.....	13 00	
	316	J. D. Schiller.....	Board of Visitors.....	14 63	
	317	Werner Co.....	Training School.....	4 26	
	318	January pay roll.....	Salaries.....	5,308 68	
Jan. 31	319	Rimer & Amend.....	Apparatus.....	159 52	
	320	Beaver & Diggins.....	Insurance.....	120 00	
	321	A. C. McClurg & Co.....	Library.....	45 39	
	322	F. H. Pease.....	Piano.....	25 00	
	323	Am. Book Co.....	Training School.....	44 70	
	324	Houghton, Mifflin & Co.....	Training School.....	24 48	
	325	Ginn & Co.....	Training School.....	7 40	
	326	D. C. Heath & Co.....	Training School.....	33 93	
	327	Standard Oil Co.....	Fuel.....	769 72	
	328	Ypsilanti Gas Co.....	Gas.....	67 15	
	329	Ypsilanti Gas Co.....	Gas.....	61 50	
	330	Frances L. Stewart.....	Fees refunded.....	285 00	
Feb. 26	331	Frances L. Stewart.....	Tel. & Tel.....	\$7 79	14,406 53
	332	Frances L. Stewart.....	Bi. laboratory.....	5 41	
	333	Frances L. Stewart.....	Express.....	3 70	
	334	Frances L. Stewart.....	Supplies.....	32 55	
	335	Frances L. Stewart.....	Extra labor.....	25 30	
	336	Frances L. Stewart.....	Extra labor.....	1 28	
	337	Agnes Morse.....	Extra labor.....	3 37	
	338	Ypsilanti Gas Co.....	Gas.....	47 68	
	339	Ypsilanti Gas Co.....	Supplies.....	70	
	340	Clayton, Lambert & Co.....	Repairs.....	25 54	
	341	Thomas Charles Co.....	Training School.....	61 89	
	342	Ypsilanti Electric Co.....	Light.....	37 08	
	343	John S. Lang.....	Repairs.....	11 35	
	344	Kalamazoo Publishing Co.....	Supplies.....	10 00	
	345	F. K. Rexford & Son.....	Supplies.....	22 27	
	346	Joseph Gillott & Son.....	Training School.....	16 75	
	347	Richmond & Backus Co.....	Supplies.....	5 90	
	348	Standard Oil Co.....	Fuel.....	658 34	
Mar. 1	349	February pay roll.....	Salaries.....	\$5,418 66	977 55
Apr. 2	350	March pay roll.....	Salaries.....	\$5,315 66	5,418 66
	351	Austin George.....	Contingent.....	5 00	
	352	Ypsilanti Electric Co.....	Light.....	25 70	
	353	Harding & Shaefer.....	Supplies.....	7 52	
	354	Homer Briggs.....	Freight.....	21 11	
	355	Fred Coe.....	Printing.....	5 25	
	356	Walter S. Houghton.....	Library.....	2 58	
	357	L. C. Mason.....	Apparatus.....	3 25	
	358	Standard Oil Co.....	Fuel.....	816 08	
	359	Wm. M. Osband.....	Printing.....	11 50	
	360	Cleary Publishing Co.....	Advertising.....	15 00	
	361	American Book Co.....	Training School.....	41 20	
	362	F. A. Brockhaus.....	Library.....	183 22	
	363	Morgan Envelope Co.....	Supplies.....	26 00	
	364	Penin. Paper Co.....	Supplies.....	26 96	
	365	Richmond & Backus Co.....	Supplies.....	13 34	
	366	Agnes Morse.....	Extra labor.....	1 70	
	367	Kalamazoo Publishing Co.....	Supplies.....	10 00	
	368	Thomas Charles Co.....	Training School.....	45 22	
	369	A. C. McClurg & Co.....	Library.....	81 96	
	370	A. C. McClurg & Co.....	Library.....	166 19	
	371	Ypsilanti Gas Co.....	Gas.....	40 58	
	372	Ypsilanti Gas Co.....	Gas.....	31 96	
	373	Frances L. Stewart.....	Express.....	5 61	
	374	Frances L. Stewart.....	Extra labor.....	45 18	
	375	Frances L. Stewart.....	Supplies.....	24 63	
	376	Frances L. Stewart.....	Repairs.....	12 15	
	377	Frances L. Stewart.....	Tel. & Tel.....	6 29	
	378	E. S. Ritchie & Sons.....	Apparatus.....	11 25	
		Amount carried forward.....		\$7,011 39	\$48,347 14

STATE BOARD OF EDUCATION.

EXHIBIT D.—CONTINUED.

Date.	No. of voucher.	Payee.	For what object.	Amounts.	Totals.
		Amount brought forward.....		\$7,011 89	\$48,847 14
Apr. 2	379	Coe & Beed	Printing	24 10	
	380	Ypsilanti Electric Co.	Light	28 76	
	381	Michigan Telephone Co.	Telephone	9 00	
	382	Richmond & Backus Co.	Supplies	4 80	
	383	Library Bureau	Supplies	9 88	
	384	Eberbach Drug Co.	Bi. Laboratory	49 66	
Apr. 18	385	Standard Oil Co.	Fuel	374 00	
	386	D. A. Hammond	Printing	84 50	
	387	McMillan & Co.	Library	4 10	
	388	A. C. McClurg & Co.	Library	31 62	
	389	Wm. H. Guild & Co.	Library	7 30	
	390	Inland Press	Library	15 10	
	391	Inland Press	Library	4 20	
	392	Inland Press	Library	47 85	
	393	Inland Press	Library	2 60	
	394	Inland Press	Library	1 40	
	395	Inland Press	Library	13 00	
Apr. 30	396	April pay roll	Salaries	5,318 66	
May 4	397	Frances L. Stewart	Fees refunded	\$185 00	12,986 12
June 1	398	Frances L. Stewart	Supplies	\$34 50	185 00
	399	Frances L. Stewart	Repairs	1 15	
	400	Frances L. Stewart	Freight and express	2 21	
	401	Frances L. Stewart	Telephone and telegram	1 41	
	402	B. G. Boone	Contingent	27 70	
	403	Belle Thomas	Tr. School	2 50	
	404	Ypsilanti Gas Co.	Gas	17 50	
	405	A. C. McClurg & Co.	Library	72 75	
	406	Ypsilanti Electric Co.	Light	12 15	
	407	Calvert Lith. Co.	Diplomas	208 00	
	408	A. C. McClurg & Co.	Library	107 25	
	409	Inland Press	Library	23 40	
	410	Chas. King & Co.	Supplies	49 53	
	411	Clayton Lambert & Co.	Repairs	25 55	
	412	Lemcke & Buechner	Library	1 30	
	413	Fred Coe	Printing	7 85	
	414	Standard Oil Co.	Fuel	135 92	
	415	May pay roll	Salaries	5,408 66	
	416	C. E. Russell	Insurance	18 00	
	417	Agnes Morse	Extra labor	3 50	
	418	Stewart & More	Supplies	21 80	
	419	F. H. Penas	Advertising	13 00	
	420	C. W. Rogers	Supplies	21 80	
	421	Ypsilanti Electric Co.	Light	22 98	
	422	Ypsilanti Gas Co.	Gas	33 52	
	423	June pay roll	Salaries	5,328 66	
					11,603 05
Total credits to current expenses for fiscal year					\$78,121 31

TREASURER'S REPORT.

39

EXHIBIT D.—CONCLUDED.

II. ON ACCOUNT OF BUILDING.

Date.	No. of voucher.	Payee.	Amounts.	Totals.
1895.				
Oct. 12	46 B	Malcomson & Higginbotham	\$500 00	
1896.				
May 1	47 B	Malcomson & Higginbotham	491 88	
May 1	48 B	Henry Carew & Co.	3,000 00	
June 30	49 B	Henry Carew & Co.	2,500 00	
		Total credits for building	6,491 88	
		Balance on hand	6,061 03	
		Total		\$12,552 91
		Current expense		78,121 21
		Total for all purposes		\$90,674 22
		RECAPITULATION, CR.		
		Current expense, 1894-1895	\$61,237 79	
		Current expense, 1895-1896	78,121 21	
		Building and special purposes, 1894-1895	1,567 21	
		Building	12,552 91	
				\$143,479 22

EXHIBIT.—E.

Salary account, Dr., for fiscal year ending June 30, 1895.

Date.	Name.	Time.	Amounts.	Totals.
1895				
June 30	Richard G. Boone	Services for 9 months	\$3,150 00	
	Daniel Putnam	" " " "	2,250 00	
	F. H. Pease	" " " "	1,800 00	
	A. Lodeman	" " " "	1,800 00	
	Austin George	" " " "	1,800 00	
	E. A. Strong	" " " "	1,800 00	
	F. A. Barbour	" " " "	1,800 00	
	B. L. D'Ooge	" " " "	1,800 00	
	Julia Anne King	" " " "	1,800 00	
	David E. Smith	" " " "	1,800 00	
	W. H. Sherzer	" " " "	1,620 00	
	O. T. McFarlane	" " " "	1,440 00	
	W. P. Bowen	" " " "	1,350 00	
	Lucy A. Osband	" " " "	900 00	
	Mary B. Putnam	" " " "	720 00	
	L. L. Jackson	" " " "	720 00	
	Ada A. Norton	" " " "	720 00	
	Annie A. Paton	" " " "	720 00	
	H. W. Miller	" " " "	720 00	
	Lois A. McMahon	" " " "	720 00	
	Maud E. Cannell	" " " "	720 00	
	Abbie Pierce	" " " "	720 00	
	Helen B. Muir	" " " "	720 00	
	Margaret Wise	" " " "	720 00	
	Chloe N. Daniel's	" " " "	700 00	
	Florence Shultes	" " " "	680 00	
	Emma C. Ackerman	" " " "	680 00	
	Maud Ball	" " " "	680 00	
	Hattie M. Plunkett	" " " "	680 00	
	Ida Taylor	" " " "	680 00	
	Winnie J. Robinson	" " " "	680 00	
	Amount carried forward		\$36,550 00	

STATE BOARD OF EDUCATION.

EXHIBIT E.—CONTINUED.

Date.	Name.	Time.	Amounts.	Totals.
	Amount brought forward		\$36,880 00	
1895 June 30	Flora Wilber	Services for 9 months	680 00	
	K. Maude Cady	" " "	680 00	
	Clara L. Clark	" " "	630 00	
	Fred E. Gorton	" " "	540 00	
	Milton W. Winner	" " "	540 00	
	Oscar Garclassen	" " "	450 00	
	P. R. Cleary	" " "	450 00	
	W. D. Cramer	" " "	400 00	
	Fannie C. Burton	" " "	495 00	
	Hilda Lodeman	" " "	450 00	
	Genevieve M. Walton	Services for 11 months	550 00	
	Frances L. Stewart	" " "	783 81	
	Gertrude E. Woodard	" " "	295 00	
	C. C. Vroman	" " "	660 00	
	James A. Bailey	" " "	440 00	
	James B. Anderson	" " "	440 00	
	John White	" " "	440 00	
	Alpheus McPherson	Services for 9 months	410 00	
	Herbert Boone	" " "	14 00	
	D. C. Van Buren	Services for 8 months	200 00	
	Thomas C. Severance	Services for 9 months	270 00	
	W. L. McDiarmid	Services for 8 months	40 00	
	Eloise Whitney	Services for 4 months	240 00	
	Agnes Morse	Services for 2½ months	45 00	
	J. C. Eagle	Services for 1 month	20 00	
	Alice Barnes	Services for 3 months	45 00	
				\$47,001 81

EXHIBIT E.—CONCLUDED.

Date.	No. of voucher.	Credit.	Amounts.	Totals.
Sept. 1	485	Pay roll for July	\$321 66	*
Oct. 26	495	" " " September	5,088 68	
	496	" " " August	821 66	
Dec. 28	556	" " " October	5,088 68	
	557	" " " November	5,088 68	
Jan. 31	81	" " " January	5,123 66	
Feb. 27	85	" " " February	5,208 68	
Mar. 9	86	" " " December	5,088 68	
Mar. 30	83	" " " March	5,223 67	
Apr. 29	89	" " " April	5,236 17	
May 31	111	" " " May	5,221 17	
Total				\$47,001 81

* Refunded five dollars to correct error of former treasurer in same voucher in current expense account.

TREASURER'S REPORT.

41

EXHIBIT F.

Salary Account, Dr., for fiscal year ending June 30, 1896.

Date.	Name.	Time.	Amounts.	Totals.
1896. June 30	Richard G. Boone.....	Services for 11 months.....	\$9,850 00	
	Daniel Putnam.....	" " " ".....	2,750 00	
	Julia Anne King.....	" " " ".....	2,200 00	
	F. H. Pease.....	" " " ".....	2,200 00	
	D. E. Smith.....	" " " ".....	2,200 00	
	F. A. Barbour.....	" " " ".....	2,200 00	
	A. Lodeman.....	" " " ".....	2,200 00	
	B. L. D'Ooge.....	" " " ".....	2,200 00	
	E. A. Strong.....	" " " ".....	2,200 00	
	Austin George.....	" " " ".....	2,200 00	
	W. H. Sherzer.....	" " " ".....	2,180 00	
	C. T. McFarland.....	" " " ".....	2,180 00	
	W. P. Bowen.....	" " " ".....	1,650 00	
	Ada Van Stone Harris.....	Services for 10 months.....	1,200 00	
	Anna A. Schryver.....	" " " ".....	1,000 00	
	H. W. Miller.....	Services for 11 months.....	1,280 00	
	Mary B. Putnam.....	" " " ".....	880 00	
	Florence Shultes.....	" " " ".....	880 00	
	Chloe N. Daniels.....	" " " ".....	880 00	
	L. L. Jackson.....	" " " ".....	880 00	
	Ada A. Norton.....	" " " ".....	880 00	
	Lois A. McMahon.....	" " " ".....	880 00	
	Abbie Pearce.....	" " " ".....	880 00	
	Annie A. Paton.....	" " " ".....	880 00	
	Helen B. Muir.....	" " " ".....	880 00	
	Maud E. Cannell.....	" " " ".....	880 00	
	Margaret E. Wise.....	" " " ".....	880 00	
	Fred R. Gorton.....	" " " ".....	760 00	
	R. R. Putnam.....	Services for 10 months.....	700 00	
	Emma C. Ackermann.....	Services for 11 months.....	770 00	
	Ida Taylor.....	" " " ".....	820 00	
	Maudie Ball.....	" " " ".....	770 00	
	Hattie M. Plunkett.....	" " " ".....	770 00	
	Jessie B. Montgomery.....	Services for 10 months.....	700 00	
	W. D. Cramer.....	Services for 11 months.....	680 00	
	Eloise C. Whitney.....	" " " ".....	880 00	
	Fannie C. Burton.....	" " " ".....	608 00	
	Oscar Garlessen.....	" " " ".....	550 00	
	Hilda Lodeman.....	" " " ".....	550 00	
	P. R. Cleary.....	" " " ".....	550 00	
	Martha M. Warner.....	Services for 10 months.....	400 00	
	A. D. Kennedy.....	" " " ".....	170 00	
	K. Maudie Cady.....	Services for 8 months.....	420 00	
	Genevieve M. Walton.....	Services for 13 months.....	650 00	
	Frances L. Stewart.....	" " " ".....	868 61	
	Gertrude E. Woodard.....	" " " ".....	480 00	
	O. C. Vroman.....	" " " ".....	780 00	
	A. McPherson.....	" " " ".....	650 00	
	James A. Bailey.....	" " " ".....	520 00	
	John White.....	" " " ".....	520 00	
	James Anderson.....	" " " ".....	520 00	
	Grace V. Taylor.....	Services for 4½ months.....	340 00	
	Sereno B. Clark.....	Services for 9 months.....	180 00	
	W. L. McDiarmid.....	Services for 11 months.....	55 00	
	Clarence E. Green.....	Services for 3½ months.....	7 00	
	Zach Kinne.....	Services for 1½ months.....	3 00	
	Lucy A. Osband.....	Services for 1 month.....	100 00	
	Clara L. Clark.....	" " " ".....	70 00	
	Winnie J. Robinson.....	" " " ".....	70 00	
	Flora Wilber.....	" " " ".....	70 00	
	M. W. Wimer.....	" " " ".....	60 00	
	T. C. Severance.....	" " " ".....	80 00	
	D. C. Van Buren.....	" " " ".....	80 00	
	Herbert Boone.....	" " " ".....	2 00	
	Agnes Morse.....	" " " ".....	18 00	
	Organ boy.....	" " " ".....	2 00	
	Ralph D. Goodrich.....	Services for 4 months.....	8 00	
	Herbert G. Bell.....	Services for 1 week.....	10 00	
Total				\$50,496 61

STATE BOARD OF EDUCATION.

EXHIBIT F.—CONCLUDED.

Date.	No. of voucher.	Credit.	Amounts.	Total.
1895.				
July 5	152	Pay roll for June.....	\$5,411 67	
" 30	170	" " " July.....	886 67	
Aug. 29	191	" " " August.....	881 67	
Oct. 1	214	" " " September.....	5,888 66	
" 29	224	" " " October.....	5,808 66	
Dec. 2	259	" " " November.....	5,808 66	
1896.				
Jan. 1	263	" " " December.....	5,808 66	
" 30	318	" " " January.....	5,808 66	
Mar. 1	349	" " " February.....	5,418 66	
Apr. 2	350	" " " March.....	5,818 66	
" 30	396	" " " April.....	5,818 66	
June 1	415	" " " May.....	5,408 66	
" 30	428	" " " June.....	5,828 66	
Total.....				\$59,496 61

EXHIBIT G.

STATE OF MICHIGAN, In account with Eugene A. Wilson, Treasurer of State Board of Education, for the year ending June 30, 1895.

Credits.	Building.	Library.	Total of building, special, etc.	Current expenses.	Aggregate.	Aggregate, exclusive of balances and transfers.
	Abstract Bb.	Abstract Bb.		Abstract Aa.		
By balance (on hand).....	\$300 17	\$86 42	\$386 59	\$2,001 83	\$2,388 42
cash from State treasury.....				51,181 80	51,181 80	\$51,181 80
cash from earnings of institution.....				9,058 80	9,058 80	9,058 80
cash from other sources.....				228 48	228 48	228 48
transfer (between funds) to.....		1,180 62	1,180 62		1,180 62
Total available during.....	\$300 17	\$1,267 04	\$1,567 21	\$62,418 41	\$63,985 62	\$60,416 58
Footings.....	\$300 17	\$1,267 04	\$1,567 21	\$62,418 41	\$63,985 62	\$60,416 58
Debits.	Abstract B.	Abstract B.		Abstract A.		
To disbursements (exclusive of loans paid).....	\$247 26	\$1,267 04	\$1,514 30	\$58,868 94	\$60,378 24	\$60,378 24
transfers between funds from.....				1,180 62	1,180 62
Total debits during.....	\$247 26	\$1,267 04	\$1,514 30	\$60,044 56	\$61,558 86	\$60,378 34
To balance (on hand) to new acc't.....	52 91		52 91	2,873 85	2,426 76
Footings.....	\$300 17	\$1,267 04	\$1,567 21	\$62,418 41	\$63,985 62	\$60,378 24

TREASURER'S REPORT.

43

EXHIBIT H.

STATE OF MICHIGAN, in account with Eugene A. Wilson, Treasurer of State Board of Education, for the year ending June 30, 1896.

Credits.	Building.	Total of building, special, etc.	Current expenses.	Aggregate.	Aggregate, exclusive of balances and transfers.
	Abstract Bb.		Abstract Aa.		
By balance (on hand).....	\$52 91	\$52 91	\$2,378 85	\$2,426 76	
cash from State treasury.....	12,500 00	12,500 00	56,291 92	68,791 92	\$68,791 92
cash from earnings of institution.....			8,799 10	8,799 10	8,799 10
cash from other sources.....			196 93	196 93	196 93
Total available during.....	\$12,552 91	\$12,552 91	\$67,661 80	\$90,214 71	\$77,787 95
By balance (overdrawn) to new account.....			5,459 51		
Footings.....	\$12,552 91	\$12,552 91	\$73,121 31	\$90,214 71	\$77,787 95
Debits.	Abstract B.		Abstract A.		
To disbursements (exclusive of loans paid)...	\$6,491 88	\$6,491 88	\$73,121 31	\$79,613 19	\$79,613 19
Total debits during.....	\$6,491 88	\$6,491 88	\$73,121 31	\$79,613 19	\$79,613 19
To balance (on hand) to new account.....	6,061 03	6,061 03		601 52	
Footings.....	\$12,552 91	\$12,552 91	\$73,121 31	\$90,214 71	\$79,613 19

ESTIMATED NEEDS.

Estimates of money needed by the State Normal School for each of the fiscal years 1897-1898.

Advertising	\$100	Salaries	\$56,000
Biological department	600	Postage	200
Contingent	2,000	Printing	800
Diplomas	250	Physical department (repairs)	1,500
Extra labor	800	Supplies	2,000
Freight and express	100	Telephone and telegraph	100
Fuel	4,700	Training School	400
Insurance	1,000	Visiting board	100
Library	1,500	Water	600
Lighting	750		
Music (tuning and repairing)	150	Total legislative appropriation	\$73,150

Special Appropriation.

Heating plant	\$10,000
Electric lighting plant	2,500
Added library facilities	1,500
Total special appropriation	\$14,000

Estimated Receipts.

Admission fees	\$7,000
Interest fund	4,200
Diplomas	500
Laboratory fees	400
Interest on deposit	100
Total estimated receipts	\$12,200

Balance to be appropriated by legislature for each of the years 1897 and 1898	\$73,150
Total appropriations asked for, for two years	144,300

INVENTORY.

Abstract of inventory of property belonging to Michigan State Normal School, June 30, 1896.

Items.	Amount.	Totals.
Six and nine hundred thirty-five thousandths acres of land.....	\$11,700 00	
Main building.....	158,000 00	
1 brick building, conservatory of music.....	8,000 00	
1 " " gymnasium.....	20,000 00	
1 stone building, boiler house.....	2,000 00	\$194,700 00
Heating apparatus—		
Fuel oil plant.....	\$2,500 00	
3 boilers.....	5,000 00	
1 steam pump.....	185 00	
1 boiler cleaner.....	185 00	
Apparatus in gymnasium.....	3,000 00	
Tools.....	89 00	10,859 00
Lighting apparatus—		
Gas.....	\$1,000 00	
Electricity.....	1,300 00	2,300 00
Library—		
16,600 volumes.....		27,000 00
Natural science department—		
Botany.....	\$290 00	
Physiology.....	600 00	
Biology and geology.....	6,508 00	7,398 00
Physical science department—		
Astronomy.....	\$850 00	
Mechanics.....	640 50	
Acoustics.....	161 00	
Heat.....	37 50	
Optics.....	812 80	
Magnetism and electricity.....	482 50	
Chemical apparatus.....	185 00	
Chemicals.....	59 89	
Tools.....	27 00	
Sundries.....	78 40	2,626 59
Apparatus in department of mathematics.....		200 00
" " " " drawing and geography.....		350 00
" " " " ancient language.....		74 00
" " " " modern language.....		50 00
" " " " history.....		120 00
" " " " physical culture.....		2,191 71
Apparatus in training school—		
Anatomical apparatus.....	\$35 00	
Reading.....	10 00	
Elementary science.....	5 00	
Drawing.....	25 00	
Microscopes and glasses.....	75 00	
Geography.....	15 00	
Pamphlet cases.....	2 00	
Scales and measures.....	20 00	
Pictures.....	25 00	
Kindergarten supplies.....	125 00	
Text books.....	200 00	
Library, 380 volumes.....	300 00	
Library cases.....	50 00	
Music charts.....	15 00	903 00
Musical instruments.....		4,000 00
Furniture.....		6,584 00
Total.....		259,355 80

